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#### LOGINID:ssptasxm1624

#### PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * * * * * * Welcome to STN International
                                                    * * * * * * * * * *
NEWS
                 Web Page for STN Seminar Schedule - N. America
NEWS
         AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 3 OCT 07
                 EPFULL enhanced with full implementation of EPC2000
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent
                 number searching
NEWS 5 OCT 22
                 Current-awareness alert (SDI) setup and editing
                 enhanced
NEWS 6 OCT 22
                 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
                 Applications
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of
                 pre-registered REACH substances
NEWS 8 NOV 21
                 CAS patent coverage to include exemplified prophetic
                 substances identified in English-, French-, German-,
                 and Japanese-language basic patents from 2004-present
NEWS 9 NOV 26 MARPAT enhanced with FSORT command
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts
                 availability of new fully-indexed citations
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy
NEWS 12 NOV 26 Two new SET commands increase convenience of STN
                 searching
NEWS 13 DEC 01
                 ChemPort single article sales feature unavailable
NEWS 14 DEC 12
                 GBFULL now offers single source for full-text
                 coverage of complete UK patent families
NEWS 15 DEC 17
                 Fifty-one pharmaceutical ingredients added to PS
NEWS 16 JAN 06
                The retention policy for unread STNmail messages
                 will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 17 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
                 Classification Data
NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3.
             AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.
              STN Operating Hours Plus Help Desk Availability
NEWS HOURS
NEWS LOGIN
              Welcome Banner and News Items
NEWS IPC8
              For general information regarding STN implementation of IPC 8
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0.22

0.22

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 9 JAN 2009 HIGHEST RN 1093164-92-1 DICTIONARY FILE UPDATES: 9 JAN 2009 HIGHEST RN 1093164-92-1

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

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```
chain nodes:
10 12 13 14
ring nodes:
11 2 3 4 5 6 7 8 9
ring/chain nodes:
11 chain bonds:
2-11 4-10 9-12 10-13 10-14
ring bonds:
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds:
2-11 4-10 5-7 6-9 7-8 8-9 10-13 10-14
exact bonds:
9-12 normalized bonds:
1-2 1-6 2-3 3-4 4-5 5-6
```

# G1:H,CH3

Match level: 1:1:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS 13:Atom 14:CLASS

### L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

STR

G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

50 ANSWERS

=> s 11

SAMPLE SEARCH INITIATED 13:15:21 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED -85 TO ITERATE

100.0% PROCESSED 85 ITERATIONS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\* BATCH \*\*COMPLETE\*\* PROJECTED ITERATIONS: 1147 TO 2253 PROJECTED ANSWERS: 849 TO 1831

L2 50 SEA SSS SAM L1

=> s 11 ful FULL SEARCH INITIATED 13:15:26 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1716 TO ITERATE

100.0% PROCESSED 1716 ITERATIONS

1352 ANSWERS SEARCH TIME: 00.00.01

L3 1352 SEA SSS FUL L1

=> fil capl

SINCE FILE COST IN U.S. DOLLARS TOTAL ENTRY SESSION FULL ESTIMATED COST 185.88 186.10

FILE 'CAPLUS' ENTERED AT 13:15:32 ON 11 JAN 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 11 Jan 2009 VOL 150 ISS 3 FILE LAST UPDATED: 9 Jan 2009 (20090109/ED)
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Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s 13 L4 11 L3

=> d 14 ibib abs hitstr 1-11

L4 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1338353 CAPLUS

DOCUMENT NUMBER: 149:525391

TITLE: Combinations comprising pregabalin

INVENTOR(S): Gunn, Kevin Paul PATENT ASSIGNEE(S): Pfizer Limited, UK SOURCE: PCT Int. Appl., 45pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

P								APPLICATION NO.											
W						A1 20081106				WO 2008-IB1027									
	W: AE, AG, AL																		
							CU,												
							GM,												
		KG.	KM.	KN.	KP.	KR.	KZ,	LA.	LC.	LK.	LR.	LS.	LT.	LU.	LY.	MA.	MD.		
							MX,												
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM.		
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW					
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,		
		IE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,		
		TR,	BF,	BJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,		
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,		
		AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,	TJ,	TM									
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1	-(2-et	hoxy	ethy.	1)-5	-[et	hyl(	meth	y1)a:	rnin	o]-N	-mes	y1-7	-[(4	-met	hyl-	2-			
F	yridyl	) ami	no]-	1н-р	yraz	010[	4,3-	d]py:	rimi	dine	-3-c	arbo:	xami	de,	to				
	pharmaceutical compns. containing the combination, and to the use of the																		
c	combina	tion	in :	the '	trea	tmen	t of	pai	n.	This	com	bina	tion	ful.	ly r	ever:	sed		
	static	allo	dyni	а, і	ndic	atin	g an	inc	reas	ed e	ffec	t if	comp	pare	d to	pre	gabal		
	lone.																		
1 8	353003-	48 - 2	107	5087	-53-	4													

- ΙT
  - RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
  - (combinations comprising pregabalin)
- RN 853003-48-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
  - 1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridiny1)amino]-N-(methylsulfonyl) - (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} \\ & \text{N} & \text{CH}_2\text{-CH}_2\text{-OEt} \\ & \text{N} & \text{N} & \text{O} \\ & \text{Et-N} & \text{N} & \text{O} & \text{O} \\ & \text{Me} & \text{O} & \text{O} & \text{O} \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $1075087{-}53{-}4$  CAPLUS

CN INDEX NAME NOT YET ASSIGNED

CM 1

CRN 853003-48-2 CMF C20 H28 N8 O4 S

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 148553-50-8 CMF C8 H17 N O2

Absolute stereochemistry. Rotation (+).

REFERENCE COUNT:

2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L4 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN 2007:538718 CAPLUS

ACCESSION NUMBER: DOCUMENT NUMBER: 146:521809

TITLE: Preparation of

1-[1-(2-ethoxyethyl)-3-ethyl-7-(4-methylpyridin-2ylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4carboxylic acid as a phosphodiesterase 5 (PDE5)

inhibitor.

INVENTOR(S): Tollefson, Michael Brent PATENT ASSIGNEE(S): Pfizer Products Inc., USA SOURCE:

PCT Int. Appl., 89pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	TENT	KIN	D	DATE		APPLICATION NO.						DATE						
WO	WO 2007054778						20070518		WO 2006-IB3132						20061031			
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FΙ,	GB,	GD,	
		GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KΜ,	KN,	
		KP,	KR,	KZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	
											ΝZ,							
		RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	TJ,	TM,	TN,	TR,	TT,	
								VN,										
	RW:										ES,							
											RO,							
											MR,							
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					RU,										_			
	NL 2000291																	
	AU 2006313486																	
	CA 2629339																	
EP									EP 2006-809195 DK, EE, ES, FI, FR, G									
	R:																	
						LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	AL,	
BA, HR, MK, IN 2008DN03942							0000	0075		T11 0							F00	
	1013						2008		IN 2008-DN3942 CN 2006-80041698									
				2008								20080508						
MX 200806083									KR 2008-711230									
										NO 2008-2593					20080509			
					A		2008	0122			2005-							
ORITY APPLN. INFO.:											2005-							
																	031	

AB 1-[1-(2-Ethoxyethy1)-3-ethy1-7-(4-methylpyridin-2-ylamino)-1H-pyrazolo[4,3d]pyrimidin-5-yl]piperidine-4-carboxylic acid (I) was prepared I (6-step preparation from 3-ethyl-4-nitropyrazole-5-carboxamide, 2-ethoxyethanol, carbonyldiimidazole, 2-amino-4-picoline, and isonipecotic acid given) inhibited human platelet PDE5 with IC50 = 0.047 nM.

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of a pyrazolopyrimidinylpiperidinecarboxylic acid as a PDE5 inhibitor)

<sup>936449-28-4</sup>P

- RN 936449-28-4 CAPLUS
- CN 4-Piperidinecarboxylic acid, 1-[1-(2-ethoxyethyl)-3-ethyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE IT 792966-67-7 792966-68-8 792966-69-9

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792966-70-2 792966-73-5 792966-74-6
792966-75-7 792966-77-9 792966-78-0
792966-79-1 792966-80-4 792966-81-5
792966-82-6 792966-83-7 792966-84-8
792966-85-9 792966-90-6 792966-92-8
792966-94-0 792967-01-2 792967-02-3
792967-03-4 792967-04-5 792967-05-6
792967-06-7 792967-62-5 792967-63-6
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792967-92-1 792967-94-3 792967-95-4
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792968-78-6 792968-79-7 792968-82-2
792968-85-5 792968-88-8 792968-89-9
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792968-93-5 792968-94-6 792968-95-7
792968-96-8 792968-97-9 792968-98-0
792968-99-1 792969-00-7 792969-02-9
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RN

CN

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792969-04-1 792969-05-2 792969-06-3
792969-08-5 792969-09-6 792969-10-9
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792969-17-6 792969-18-7 792969-19-8
792969-20-1 792969-23-4 792969-24-5
792969-25-6 792969-26-7 792969-29-0
792969-31-4 792969-32-5 792969-33-6
792969-34-7 792969-35-8 792969-38-1
792969-39-2 792969-40-5 792969-42-7
792969-43-8 792969-44-9 792969-46-1
792969-47-2 792969-48-3 792969-49-4
792969-50-7 792969-53-0 792969-54-1
792969-56-3 792969-57-4 792969-59-6
792969-60-9 792969-61-0 792970-85-5
792970-88-8 794511-53-8 936647-49-3
936647-50-6 936647-53-9 936647-56-2
936647-65-3 936647-67-5
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
   (preparation of substituted pyrazolopyrimidines as PDE5 inhibitors)
792966-67-7 CAPLUS
1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
3-ethyl-1-(2-methoxyethyl)-N5-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX
NAME)
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ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
RN 792966-68-8 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-4-
pyrimidinyl- (CA INDEX NAME)
```

RN 792966-69-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3-amino-1-azetidinyl)-1-(2-ethoxyethyl)-3-ethyl-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-70-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

RN 792966-73-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyridinyl)-1-(2-propoyethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-74-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-3-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792966-75-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimiddin-7-amine, 3-methyl-1-(1-methylethyl)-5-(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyriddinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-77-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

RN 792966-78-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-79-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-(1-methylethyl)-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-80-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[(38)-3-(1-methylethyl)-1-piperazinyl]-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-81-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

RN 792966-82-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-83-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-(1-methylethyl)-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-84-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-[(35)-3-(1-methylethyl)-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-85-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-ethyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

RN 792966-90-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-1-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-92-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 792966-94-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-N-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

#### Absolute stereochemistry.

RN 792967-01-2 CAPLUS

CN 4-Piperidinol, 1-[1-methyl-7-[(5-methyl-2-pyridinyl)amino]-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE 792967-02-3 CAPLUS RN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 1-methyl-N-(5-methyl-2-pyridinyl)-5-(1-piperidinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-03-4 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-3-azetidinyl-1-methyl-N7-(5-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

RN 792967-04-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-3-azetidinyl-N5,1-dimethyl-N7-(5-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-05-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(3S)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

RN 792967-06-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-62-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-[(4-methoxyphenyl)methyl]-1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792967-63-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
 N5-(2-methoxyethyl)-1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl- (CA
 INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-73-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792967-76-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  1-methyl-5-(4-methyl-1-piperazinyl)-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 792967-77-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methyl-5-[(35)-3-methyl-1-piperazinyl]-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792967-79-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(6-methoxy-4-pyrimidinyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 792967-80-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-(6-methoxy-4-pyrimidinyl)-N5,1-dimethyl-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-84-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(1-piperazinyl)-3-propyl-N-3-pyridazinyl- (CA INDEX NAME)

RN 792967-86-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-1H-imidazo1-2-y1-N5,1-dimethy1-3-propy1- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-87-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methyl-5-[(3R)-3-methyl-1-piperazinyl]-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-88-5 CAPLUS

CN Ethanol, 2-[[1-(3-methoxypropy1)-3-methy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

RN 792967-89-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,1-bis(2-methoxyethyl)-3-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-90-9 CAPLUS

CN 4-Piperidinol, 1-[3-ethyl-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 792967-91-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-5-[(3S)-3-methoxy-1-pyrrolidinyl]-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-92-1 CAPLUS

CN Ethanol, 2-[[1-(3-methoxypropyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-94-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-1-(2-methoxyethyl)-N7-(4-methyl-2-pyridinyl)-N5-[(2S)-2-pyrrolidinylmethyl]- (CA INDEX NAME)

RN 792967-95-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(3-methoxypropyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-96-5 CAPLUS

CN 3-Pyrrolidinol, 1-[1-(3-methoxypropy1)-3-methy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-, (3R)- (CA INDEX NAME)

RN

792967-99-8 CAPLUS
1-Propanol, 3-[[3-ethyl-1-(2-methoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]-CN 1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-04-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-1-(2-methoxyethyl)-N-(5-methyl-2-pyridinyl)-5-(4-morpholinyl)-(CA INDEX NAME)

RN 792968-05-9 CAPLUS

CN Ethanol, 2-[[3-ethyl-1-(2-methoxyethyl)-7-(2-pyridinylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-06-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N7-(5-fluoro-2-pyridinyl)-N5,1-bis(2-methoxyethyl)- (CA INDEX NAME)

792968-09-3 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methyl-5-(4-methyl-1-piperazinyl)-N-(5-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792968-10-6 CAPLUS RN

CN 1-Propanol, 2-[[7-[(4,6-dimethyl-2-pyridinyl)amino]-1-(3-methoxypropyl)-3methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2S)- (CA INDEX NAME)

RN 792968-19-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(5-ethyl-2-pyridinyl)-1-methyl-5-(1-piper;

N-(5-ethyl-2-pyridinyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-20-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-cyclohexyl-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 792968-21-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4,6-dimethyl-2-pyridinyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-22-0 CAPLUS

CN Cyclohexanol, 4-[[1-methyl-5-(1-piperazinyl)-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

- RN 792968-23-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-methoxycyclohexyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

- RN 792968-24-2 CAPLUS
- CN 2-Pyridinecarboxamide, N-methyl-6-[[1-methyl-5-(1-piperazinyl)-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN

CN

NR MORE INCOMERCE DOUBLE BONDS NOT DISCERSED IN THE STRUCTURE 792968-25-3 CAPLUS 1H-Pyrazolo (4,3-d)pyrimidin-7-amine, N-cyclopentyl-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

792968-26-4 CAPLUS RN

 $\begin{array}{lll} \text{1H-Pyrazolo}\{4,3-d\} pyrimidine-5,7-diamine, \\ \text{N5},\text{N7},1-trimethyl-N7-(1-methyl-4-piperidinyl)-3-propyl- } \end{array}$ CN

RN 792968-29-7 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 5-[(2R,58)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792968-30-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-31-1 CAPLUS CN 1H-Pyrazolo[4,3-d]py

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-32-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2R,58)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-33-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,58)-2,5-dlmethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-34-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2R,5\$)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-35-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-36-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-37-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2R,5\$)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-38-8 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine,
5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-39-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-40-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(25,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-41-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-42-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-43-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(25,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-44-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-45-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(25,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-46-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-4pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-47-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-1-(2-methoxyethyl)-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792968-48-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-ethyl-1-(2-methoxyethyl)-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

RN 792968-49-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-1-(2-methoxyethyl)-N7-(4-methyl-2-pyridinyl)-N5-[2-(1H-pyrazol-1-yl)ethyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Bt} \\ \text{N} \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{OMe} \\ \\ \text{Me} \\ \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-51-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-methoxyethyl)-N5, 3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

RN 792968-52-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-53-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N5-[(3R)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-54-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-

methyl-3-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-55-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(5-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

RN 792968-56-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-[(3R)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-57-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(38)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

RN 792968-58-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-60-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

RN 792968-61-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-methoxyethy1)-3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-62-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-2-furanyl)methyl]- \\ (CA INDEX NAME)$ 

RN 792968-63-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-(2-pyridinylmethyl)(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-64-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-2H-pyran-2-yl)methyl]- (CA INDEX NAME)

RN 792968-66-2 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1 If-Pyrazolo[4,3-d]pyrimidin-/-amine,
3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-76-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-3-(1-methylethyl)-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 792968-78-6 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

IH-Fyrazo10[4,3-d]pyrimidine-3-methano1,
1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-79-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $792968\!-\!82\!-\!2$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-(methoxymethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-85-5 CAPLUS

2N 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-(ethoxymethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-88-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N5-[(3S)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-89-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(5-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-90-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-[(3S)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-91-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-N-(6-methoxy-3-pyridinyl)-3-methyl-5-[(3R)-3-methyl-1piperazinyl]- (CA INDEX NAME)

Absolute stereochemistry.

- RN 792968-92-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-N-(5-methoxy-2-pyridinyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN 792968-93-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-N-(6-methoxy-2-pyridinyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-94-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)- (C INDEX NAME)

RN 792968-95-7 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperaxinyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-96-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
N-(5,6-dimethyl-3-pyridinyl)-1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN 792968-97-9 CAPLUS

CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1piperazinyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

## Absolute stereochemistry.

RN 792968-98-0 CAPLUS CN 2(1H)-Pvridinone, 5

2(1H)-Pyridinone, 5-[[1-(2-ethoxyethy1)-5-[(2-methoxyethy1)methylamino]-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

- RN 792968-99-1 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-5-(ethylmethylamino)-3-methyl-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

- RN 792969-00-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[3-(methylamino)-1-azetidinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-02-9 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

H-Pyrazolo[4,3-d]pyrmmidin-/-amaine,
5-[3-(dimethylamino)-1-azetidinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-04-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]hept-2-yl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-05-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5-(2-methoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-06-3 CAPLUS

CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

- RN 792969-08-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[(1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]hept-2-yl]-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792969-09-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethy1)-3-(methoxymethy1)-5-[(3R)-3-methy1-1-piperaziny1]-N-(6-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 792969-10-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5-ethyl-3-(methoxymethyl)-N5-methyl-N7-(4-methyl-2pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-11-0 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[1-(2-ethoxyethyl)-3-(methoxymethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (2S)- (CA INDEX NAME)

RN 792969-12-1 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-13-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[3-(dimethylamino)-1-azetidinyl]-1-(2-ethoxyethyl)-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

792969-14-3 CAPLUS RN CN

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-[2-(dimethylamino)ethyl]-1-(2-ethoxyethyl)-N5,3-dimethyl-N7-4pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792969-15-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-ethyl-N5,3-dimethyl-N7-4-pyrimidinyl- (CA INDEX NAME)

RN 792969-16-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-N5-ethyl-N5,3-dimethyl-N7-(2-methyl-4-pyrimidinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-17-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-(2-methoxyethyl)-N5,3-dimethyl-N7-(2-methyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 792969-18-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
 1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-19-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyrimidinyl)- (CA INDEX NAME)

RN 792969-20-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-[4-1]

(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-23-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-ethyl-3-(methoxymethyl)-N5-methyl-N7-4-pyrimidinyl-(CA INDEX NAME)

RN 792969-24-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-(2-methoxyethyl)-3-(methoxymethyl)-N5-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-25-6 CAPLUS

CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-(methoxymethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

RN 792969-26-7 CAPLUS CN 1H-Pvrazolo[4,3-d]pvri

1 H-Pyrazolo[4,3-d]pyrimidine-3-methanol, 1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-(4-pyrimidinylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-29-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-3-methyl-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 792969-31-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(18,48)-2,0-diazabicyolo[2.2])hept-2-yl-N-(5,6-dimethyl-3-pyridinyl)-1-(2-ethoxyethyl)-3-methyl- (CA INDEX NAME)

Absolute stereochemistry.

- RN 792969-32-5 CAPLUS
- CN 1H-Pyracolo[4,3-d]pyrimidin-7-amine, 5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-methyl- (CA INDEX NAME)

RN 792969-33-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-34-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-oyridinyl)- (CA INDEX NAME)

RN 792969-35-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(2,5-diazabicyclo[2.2.2]oct-2-yl)-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-38-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-39-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(18,48)-2,5-diazabicyclo[2,2:1)hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-40-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-y1)-1-(2-ethoxyethy1)-3-(methoxymethy1)-N-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

- RN 792969-42-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792969-43-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  - N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-44-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-46-1 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyridazinyl-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

RN 792969-47-2 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-"-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-48-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperaziny

3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-49-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(6-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-50-7 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)1-[2-(2,2,2-trifilozoethoxy)ethyl)- (CA INDEX NAME)

Absolute stereochemistry.

CN

792969-53-0 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-54-1 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $792969{-}56{-}3$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-N-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792969-57-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-y1)-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl)- (CA INDEX NAME)

RN 792969-59-6 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-60-9 CAPLUS

RN 792969-61-0 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-ethyl-7-[(6-methyl-4-pyrimidinyl)amino]1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA
INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-85-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-1-(2-propoxyethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792970-88-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(13,48)-2,5-dlazablcyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 794511-53-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 936647-49-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
3-ethyl-1-(2-methoxyethyl)-N7-(3-methyl-1H-pyrazol-5-yl)-N5-[2-(1H-pyrazol-1-yl)tethyl]- (CA INDEX NAME)

RN 936647-50-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(3-methoxypropyl)-3-methyl-N-(3-methyl-1H-pyrazol-5-yl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 936647-53-9 CAPLUS

CN 1-Propanol, 2-[[3-ethyl-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 936647-56-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-ethyl-1-(2-methoxyethyl)-N-(3-methyl-1H-pyrazol-5-yl)-5-(1-piperazinyl)-(CA INDEX NAME)

- RN 936647-65-3 CAPLUS
- CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine,
  3-(methoxymethyl)-N-(3-methylphenyl)-5-[(3R)-3-methyl-1-piperazinyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 936647-67-5 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[5-(ethylmethylamino)-3-(methoxymethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl-(CA INDEX NAME)

5

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

#### 10580306

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ACCESSION NUMBER: 2007:251842 CAPLUS

DOCUMENT NUMBER: 146:316925

TITLE: Preparation of pyrazolopyrimidines for treatment of

inflammatory diseases

INVENTOR(S): Kono, Norimasa; Koganemaru, Yohei; Hamaguchi, Wataru;

Masuda, Naoyuki; Kato, Koji; Yokoyama, Kazuhiro;

Miyazaki, Takahiro

PATENT ASSIGNEE(S): Astellas Pharma Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 38pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007055940	A	20070308	JP 2005-243425	20050824
PRIORITY APPLN. INFO.:			JP 2005-243425	20050824
OTHER SOURCE(S):	MARPAT	146:316925		
GI				

AB Title compds. I [R1, R2 = C1-6 (halo)alkyl, H; A = bond, CH2; R3 = (un)substituted ph; R4 = (un)substituted cyclic amino] or their pharmacol. acceptable salts are prepared Thus, N-[(4-chloro-2-fluorophenyl)methyl]-3-methyl-5-piperazin-1-yl-1H-pyrazolo[4,3-d]pyrimidine-7-amine was amidated with (2R)-1-(tert-butoxycarbonyl)piperidine-2-carboxylic acid, then the corresponding amide was deprotected by HC1 to give I.2HC1 [R1 = H, R2 = Me, A = CH2, R3 = 4-chloro-2-fluorophenyl, R4 = 4-[(2R)-piperidin-2-ylcarbonyl]piperain-1-yl], which inhibited binding of [358]GTPyS to human CCR4 with IC50 value of ≤100 nM.

1T 928765-98-4P 928766-07-8P 928766-30-7F

RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as chemokine receptor CCR4 antagonists and anti-inflammatory agents)

RN 928765-98-4 CAPLUS

CN [1,4'-Bipiperidine]-3-methanol, l'-[7-[(4-chloro-2-fluorophenyl)amino]-1methyl-3-propyl-lH-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2)
(CA INDEX NAME)

- RN 928766-07-8 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, l'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2), (35)- (CA INDEN NAME)

## Absolute stereochemistry.

## ●2 HC1

- RN 928766-30-7 CAPLUS
- CN Ethanone, 1-[4-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl]-2-[(2S)-2-pyrrolidinyl]-, hydrochloride (1:2) (CA INDEX NAME)

IT 928767-43-5P 928767-44-6P 928767-65-1P
928767-66-2P 928767-67-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazolopyrimidines as chemokine receptor CCR4 antagonists and anti-inflammatory agents)

RN 928767-43-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA

N-(4-chloro-2-fluorophenyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 928767-44-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-1-ethyl-3-methyl-5-(1-piperazinyl)- (CA INDEX NAME)

- RN 928767-65-1 CAPLUS
- CN 4-Piperidinol, 1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1Hpyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928767-66-2 CAPLUS
- CN Carbamic acid, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1h-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 928767-67-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-1-ethyl-3-methyl-5-[4-(methylamino)-1-piperidinyl]- (CA INDEX NAME)

MeNH

IT 928765-99-5P 928766-00-1P 928766-01-2P 928766-01-3P 928766-01-3P 928766-01-3P 928766-01-3P 928766-01-4P 928766-01-3P 928766-11-4P 928766-12-5P 928766-11-6-9P 928766-11-4P 928766-12-5P 928766-16-9P 928766-18-9P 928766-18-9P 928766-21-6P 928766-22-0P 928766-21-6P 928766-22-0P 928766-22-0P 928766-22-0P 928766-23-0P 928766-33-0P 928766-33-0P

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928766-89-6P 928766-90-9P 928766-91-0P
928766-92-1P 928766-93-2P 928766-94-3P
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928767-02-6P 928767-03-7P 928767-04-8P
928767-05-9P 928767-06-0P 928767-07-1P
928767-09-3P 928767-11-7P
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RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazolopyrimidines as chemokine receptor CCR4 antagonists and anti-inflammatory agents)

RN 928765-99-5 CAPLUS

CN

[1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1,3-dimethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

## ●2 HC1

RN 928766-00-1 CAPLUS

CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-3ethyl-1-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2), (3S)- (CA INDEX NAME)

RN 928766-01-2 CAPLUS

CN [1,4'-Bipiperidine]-3-methanol, 1'-[1-methyl-3-propyl-7-[(2,4,5-trifluorophenyl)amino]-lH-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 928766-02-3 CAPLUS

CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2,6-difluorophenyl)amino]l-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-03-4 CAPLUS
- CN [1,4'-Bipiperidine]-3-carboxamide,
  '-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

## ●2 HC1

- RN 928766-06-7 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-08-9 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, l'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2), (3R)- (CA INDEX NAME)

## Absolute stereochemistry.

### ● 2 HCl

- RN 928766-09-0 CAPLUS
- CN [1,4'-Bipiperidine]-3-carboxamide, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-10-3 CAPLUS CN [1.4'-Bipiperidinel-3-carboxami
  - [1,4'-Bipiperidine]-3-carboxamide, 1'-[7-{(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-N-methyl-, hydrochloride (1:2) (CA INDEX NAME)

# ●2 HC1

- RN 928766-11-4 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1,3-diethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-12-5 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, 1'-[3-butyl-7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2), (35)- (CA INDEX NAME)

## Absolute stereochemistry.

### ●2 HC1

- RN 928766-13-6 CAPLUS
- CN [1,4'-Bipiperidine]-3-carboxamide,
  1'-[3-butyl-7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl-N-methyl-1, hydrochloride (1:1) (CA INDEX NAME)

HC1

RN 928766-14-7 CAPLUS CN [1,4'-Bipiperidine]-3-carboxamide,

1'-[3-buty1-7-[(4-chloro-2-fluoropheny1)amino]-1-ethy1-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-, hydrochloride (1:1), (3S)- (CA INDEX NAME)

Absolute stereochemistry.

HC1

RN 928766-15-8 CAPLUS

CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-3-methyl-1-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-16-9 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, l'-[7-[(4-chloro-2-fluorophenyl)amino]-3-methyl-1-(2,2,2-trifluoroethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

### ● 2 HC1

- RN 928766-18-1 CAPLUS
- CN [2,4'-Bipiperidine]-1-ethanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-19-2 CAPLUS
- CN [2,4'-Bipiperidine]-1-propanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

### ●2 HC1

- RN 928766-20-5 CAPLUS
- CN [2,4'-Bipiperidine]-1-propanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1,3-diethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-21-6 CAPLUS
- CN [2,4'-Bipiperidine]-1-propanol, 1'-[3-buty1-7-[(4-chloro-2fluorophenyl)amino]-1-ethy1-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-, hydrochloride (1:2) (CA INDEX NAME)

### ●2 HC1

- RN 928766-22-7 CAPLUS
- CN [2,4'-Bipiperidine]-1-propanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-3-methyl-1-(2,2,2-trifluoroethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:2) (CA INDEX NAME)

hydrochloride (1:2) (CA INDEX NAME)

RN 928766-25-0 CAPLUS
CN Methanone, [4-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1Hpyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl](2R)-2-piperidinyl-,

## Absolute stereochemistry.

## ●2 HC1

- RN 928766-26-1 CAPLUS
- CN Methanone, [4-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyraxolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl](2R)-2-piperidinyl-, hydrochloride (1:2) (CA INDEX NAME)

928766-29-4 CAPLUS Ethanone, 1-[4-[7-[(4-chloro-2-fluoropheny1)amino]-1,3-dimethy1-1H-CN pyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl]-2-[(2S)-2-pyrrolidinyl]-, hydrochloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

928766-32-9 CAPLUS

CN pyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl]-2-[(2S)-1-methyl-2pyrrolidinyl]-, hydrochloride (1:2) (CA INDEX NAME)

## ●2 HC1

- RN 928766-33-0 CAPLUS
- CN Ethanone, 1-[4-[7-[(4-chloro-2-fluoropheny1)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl]-2-[(2\$)-2-pyrrolidinyl]-, hydrochloride (1:2) (CA INDEX NAME)

#### Absolute stereochemistry.

#### ● 2 HCl

- RN 928766-35-2 CAPLUS
- CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluoropheny1)amino]-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-, hydrochloride (1:2), (25) (CA INDEX NAME)

## ●2 HC1

RN 928766-36-3 CAPLUS

Absolute stereochemistry.

## ●2 HC1

RN 928766-37-4 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-1-

methyl-, hydrochloride (1:2), (2S)- (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

- RN 928766-38-5 CAPLUS
- CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-1-methyl-, hydrochloride (1:2), (2R)- (CA INDEX NAME)

Absolute stereochemistry.

- RN 928766-39-6 CAPLUS
- CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-

3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-, hydrochloride (1:2), (2S)- (CA INDEX NAME)

Absolute stereochemistry.

●2 HCl

RN 928766-40-9 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-, hydrochloride (1:2), (2B)- (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

RN 928766-41-0 CAPLUS

CN 1-Propanol, 3-[[1-[7-[(4-chloro-2-fluorophenyl)amino]-1,3-dimethyl-lH-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]cyclobutylamino]-, hydrochloride (1:2) (CA INDEX NAME)

### ●2 HC1

- RN 928766-42-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cyclobutylamino)-1-piperidinyl]-1-methyl-3-propyl-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-43-2 CAPLUS
- CN 1-Propanol, 3-[[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-methyl-3-propyl-1Hpyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]cyclobutylamino]-, hydrochloride (1:2) (CA INDEX NAME)

- 928766-44-3 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN N-(4-chloro-2-fluorophenyl)-5-[4-(cyclobutylamino)-1-piperidinyl]-1-ethyl-3-methyl-, hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-45-4 CAPLUS
- $\label{eq:control_state} $$ \frac{3}{1-[7-[(4-\text{chloro}-2-\text{fluorophenyl})\,\text{amino}]-1-\text{ethyl}-3-\text{methyl}-1} \text{pyrazolo}[4,3-d] pyrimidin-5-yl]-4-piperidinyl] cyclobutylamino]-,$ CN hydrochloride (1:2) (CA INDEX NAME)

- 928766-46-5 CAPLUS
- FleTyrazolo (4,3-d)pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cyclobutylamino)-1-piperidinyl]-1,3-diethyl-, hydrochloride (1:2) (CA INDEX NAME) CN

- RN
- 928766-47-6 CAPLUS 1-Propanol, 3-[[1-[7-[(4-chloro-2-fluorophenyl)amino]-1,3-diethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]cyclobutylamino]-, CN hydrochloride (1:2) (CA INDEX NAME)

- 928766-48-7 CAPLUS 1-Propanol, 3-[[1-[3-butyl-7-[(4-chloro-2-fluoropheny1)amino]-1-ethyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]cyclobutylamino]-, hydrochloride (1:2) (CA INDEX NAME) CN

- RN
- 928766-49-8 CAPLUS 1-Propanol, 3-[1-[7-[(4-chloro-2-fluorophenyl)amino]-3-methyl-1-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]cyclobutylamino]-, CN hydrochloride (1:2) (CA INDEX NAME)

- RN 928766-53-4 CAPLUS CN 1H-Pyrazolo[4,3-d]p
  - 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cyclopentylamino)-1-piperidinyl]-1-ethyl-3-methyl- (CA INDEX NAME)

- RN 928766-54-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cyclohexylamino)-1-piperidinyl]-1-ethyl-3-methyl- (CA INDEX NAME)

- RN 928766-55-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cyclohexylmethylamino)-1-piperidinyl]-1ethyl-3-methyl- (CA INDEX NAME)

- RN 928766-56-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-1-ethyl-3-methyl-5-[4-[(tetrahydro-2H-pyran-4-yl)amino]-1-pleridinyl]- (CA INDEX NAME)

- RN 928766-57-8 CAPLUS
- CN 1-Piperidinecarboxylic acid, 4-[[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4, 3-d]pyrimidin-5-yl]-4-piperidinyl]amino]-, ethyl ester (CA INDEX NAME)

- RN 928766-58-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-chloro-2-fluorophenyl)-5-[4-(cycloheptylamino)-1-piperidinyl]-1-ethyl-3-methyl- (CA INDEX NAME)

- RN 928766-59-0 CAPLUS
- NN 928700-39-0 CAPUS

  N1H-Pyrazolo [4,3-d]pyrimidin-7-amine,
  N-(4-chloro-2-fluorophenyl)-1-ethyl-3-methyl-5-[4-(1-pyrrolidinyl)-1-piperidinyl)- (CA INDEX NAME)

- RN 928766-60-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  5-[1,4'-bipiperidin]-1'-y1-N-(4-chloro-2-fluorophenyl)-1-ethyl-3-methyl(CA INDEX NAME)

- RN 928766-61-4 CAPLUS
- CN [1,4'-Bipiperidin]-3-ol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-62-5 CAPLUS
- CN [1,4'-Bipiperidin]-4-ol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-63-6 CAPLUS
- CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-64-7 CAPLUS
- CN [1,4'-Bipiperidine]-4-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-65-8 CAPLUS
- CN [1,4'-Bipiperidine]-3-ethanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-66-9 CAPLUS
- CN [1,4'-Bipiperidine]-4-ethanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 928766-67-0 CAPLUS
- CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-, (2S)- (CA INDEX NAME)

- RN 928766-68-1 CAPLUS
- CN 3-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-(CA INDEX NAME)

- RN 928766-69-2 CAPLUS
- CN 4-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N,1-dimethyl-(CA INDEX NAME)

- RN 928766-70-5 CAPLUS
- CN 1-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

CN

RN 928766-71-6 CAPLUS

2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluoropheny1)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (2S)-(CA INDEX NAME)

Absolute stereochemistry.

RN 928766-72-7 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (2R)-(CA INDEX NAME)

RN 928766-74-9 CAPLUS

CN 4-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 928766-75-0 CAPLUS

CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (25)-(CA INDEX NAME)

- RN 928766-76-1 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (2R)-(CA INDEX NNB)

- RN 928766-77-2 CAPLUS
- CN 4-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1-H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-78-3 CAPLUS
- CN 2-Morpholinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-79-4 CAPLUS
- CN 4-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 928766-80-7 CAPLUS

CN 2-Pyrrolidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (2S)-(CA INDEX NAME)

### Absolute stereochemistry.

RN 928766-81-8 CAPLUS

CN 3-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-82-9 CAPLUS
- CN 2-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-83-0 CAPLUS
- CN 3-Pyrrolidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1-H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-84-1 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-4,4-difluoro-N-methyl-, (25) (CA INDEX NAME)

- RN 928766-85-2 CAPLUS
- CN 2-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl-, (2R)-(CA INDEX NAME)

- RN 928766-86-3 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

- RN 928766-87-4 CAPLUS
- CN 3-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-methyl- (CA INDEX NAME)

RN 928766-88-5 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl) amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-1-methyl-, (25) (CA INDEX NAME)

## Absolute stereochemistry.

RN 928766-89-6 CAPLUS

CN 3-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-1-methyl-(CA INDEX NAME)

- RN 928766-90-9 CAPLUS
- CN 4-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-1-methyl-(CA INDEX NAME)

- RN 928766-91-0 CAPLUS
- CN 1-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

RN 928766-92-1 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (28)-(CA INDEX NAME)

Absolute stereochemistry.

RN 928766-93-2 CAPLUS

CN 2-Pyrrolidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (2R)-(CA INDEX NAME)

- RN 928766-94-3 CAPLUS
- CN 4-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928766-95-4 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (2S)-(CA INDEX NAME)

- RN 928766-96-5 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (2R)-(CA INDEX NAME)

- RN 928766-97-6 CAPLUS
- CN 4-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928766-98-7 CAPLUS
- CN 2-Morpholinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928766-99-8 CAPLUS
- CN 4-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluoropheny1)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-4-piperidiny1]-N-ethyl- (CA INDEX NAME)

RN 928767-00-4 CAPLUS

CN 2-Pyrrolidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (25)-(CA INDEX NAME)

### Absolute stereochemistry.

RN 928767-02-6 CAPLUS

CN 3-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928767-03-7 CAPLUS
- CN 2-Piperidinepropanamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928767-04-8 CAPLUS
- CN 3-Pyrrolidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1-H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928767-05-9 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-4,4difluoro-, (28) - (CA INDEX NAME)

- RN 928767-06-0 CAPLUS
- CN 2-Piperidineacetamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl-, (2R)- (CA INDEX NAME)

- RN 928767-07-1 CAPLUS
- CN 2-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

- RN 928767-09-3 CAPLUS
- CN 3-Piperidinecarboxamide, N-[1-[7-[(4-chloro-2-fluorophenyl)amino]-1-ethyl-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-piperidinyl]-N-ethyl- (CA INDEX NAME)

RN 928767-11-7 CAPLUS
CN [1,4'-Bipiperidine]-3-methanol, 1'-[7-[(4-chloro-2-fluorophenyl)amino]-1methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

L4 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1202023 CAPLUS

DOCUMENT NUMBER: 145:505469

TITLE: Anhydrous crystalline forms of

 $N-[\hat{1}-(2-\text{etho}xy\text{ethy}1)-5-(N-\text{eth}y1-M-\text{meth}y1amino)-7-(4-\text{meth}y1yyridin-2-y1amino)-1H-pyrazolo[4,3-d]pyrimidine-3-carbonyl]methanesulfonamide as PDE-5 inhibitors$ 

INVENTOR(S): Entwistle, David Andrew; Marshall, Peter Wallance; Taylor, Stefan Colin John

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 72pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

						KIND DATE				APPLICATION NO.						DATE				
	WO	WO 2006120552 WO 2006120552						2006	20061116		WO 2006-IB1233						20060503			
		W:	AE, CN, GE, KZ, MZ, SG, VN, AT, IS, CF, GM,	AG, CO, GH, LC, NA, SK, YU, BE, IT, CG, KE,	AL, CR, GM, LK, NG, SL, ZA, BG, LT, CI, LS,	AM, CU, HR, LR, NI, SM, ZM, CH, LU, CM, MW,	AT, CZ, HU, LS, NO, SY, ZW CY, LV, GA, MZ,	AU, DE, ID, LT, NZ, TJ, CZ, MC, GN, NA,	AZ, DK, IL, LU, OM, TM, DE, NL, GQ,	DM, IN, LV, PG, TN, DK, PL, GW,	DZ, IS, LY, PH, TR, EE, PT,	BG, EC, JP, MA, PL, TT, ES, RO, MR, TZ,	EE, KE, MD, PT, TZ, FI, SE, NE,	EG, KG, MG, RO, UA, FR, SI, SN,	ES, KM, MK, RU, UG, GB, SK, TD,	FI, KN, MN, SC, US, GR, TR,	GB, KP, MW, SD, UZ, HU, BF, BW,	GD, KR, MX, SE, VC, IE, BJ, GH,		
	AII	KG, KZ, I									AU 2006-245416					20060503				
										CA 2006-2608018										
										EP 2006-744689										
		R:										ES,								
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PRIO	NO IN MX US KR CN		0052 DN08 1321 0194 0045 7575	58 174 5 591 93		A A A A1 A		2008	1115 1123 1212 0814 0109	NO 2007-5258 IN 2007-DN8174 MX 2007-13215					1	20071012 20071023 20071023 20071030 20071112 P 20050512 P 20050517				

GI

AB

N-[1-(2-ethoxyethyl)-5-(N-ethyl-N-methylamino)-7-(4-methylpyridin-2vlamino)-1H-pvrazolo[4,3-d]pvrimidine-3-carbonvl]methanesulfonamide (I), pharmaceutical compns. comprising at least one such form, methods for the treatment of a phosphodiesterase-5-mediated condition using at least one such form, and methods for preparing such forms. Example compound I was prepared by N-alkylation of di-Me 4-nitro-1H-pyrazole-3,5-dicarboxylate with 2-ethoxyethyl bromide; the resulting di-Me 1-(2-ethoxyethyl)-4-nitro-1H-pyrazole-3,5-dicarboxylate, which underwent hydrolysis to give the pyrazole-5-carboxylic acid derivative, which underwent amidation to give the corresponding amide, which underwent reduction to give Me 4-amino-5-carbamoyl-1-(2-ethoxyethyl)-1H-pyrazole-3-carboxylate, which underwent cyclization with N,N'-carbonyldiimidazole to give Me 1-(2-ethoxyethyl)-5,7-dioxo-4,5,6,7-tetrahydro-1H-pyrazolo[4,3d]pyrimidine-3-carboxylate, which which underwent chlorination to give Me 5,7-dichloro-1-(2-ethoxyethyl)-1H-pyrazolo[4,3-d]pyrimidine-3-carboxylate, which underwent substitution with 2-amino-4-methylpyridine; the resulting Me 5-chloro-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-1Hpyrazolo[4,3-d]pyrimidine-3-carboxylate underwent hydrolysis to give the corresponding carboxylic acid, which underwent amidation to give the

Ι

The invention comprises anhydrous crystalline forms of

for its PDE-5 inhibitory activity.

IT 853003-48-2P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

methanesulfonamide derivative, which underwent substitution with N-methylethylamine to give compound I. Various methods to obtained different crystalline forms of I is also discussed. Compound I was evaluated

(preparation and anhydrous crystalline forms of N-[ethoxyethyl(N-ethyl-N-methylamino)(methylpyridinylamino)pyrazolo[4,3-d]pyrimidinecarbonyl]methanesulfonamide as PDE-5 inhibitors)

RN 853003-48-2 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

IT 853004-52-1P 853006-51-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and anhydrous crystalline forms of

N-[ethoxyethyl(N-ethyl-N-methylamino)(methylpyridinylamino)pyrazolo[4,3-d]pyrimidinecarbonyl]methanesulfonamide as PDE-5 inhibitors)

RN 853004-52-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methylami

1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-51-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

#### 10580306

L4 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:412090 CAPLUS DOCUMENT NUMBER: 144:450729

TITLE:

Preparation of novel 5,7-diaminopyrazolo[4,3-d]pyrimidines as PDE5

inhibitors for treating hypertension

INVENTOR(S): Acker, Brad Alan; Hughes, Robert Owen; Jacobsen, Eric

John; Lu, Hwang-Fun; Rogers, Thomas Edward; Tollefson,

Michael Brent; Walker, John Keith PATENT ASSIGNEE(S): Pharmacia & Upjohn Company LLC, USA

SOURCE: PCT Int. Appl., 244 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PA:	TENT	NO.			KIND DATE			APPLICATION NO.						DATE					
								20060504 20060817		WO 2005-IB3326										
		W:						AU,		BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,		
			CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,		
			GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KP,	KR,	KZ,		
			LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,		
			NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,		
			SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,		
			YU,	ZA,	ZM,	ZW														
		RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,		
			IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,		
			CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,		
			GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,		
								TM												
	CA	. 2585557				A1 20060504					CA 2005-2585557						20051017			
	EP	1809632				A2 20070725				EP 2	005-	8005								
		R:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,		
								LV,												
											JP 2007-538544						20051017			
RIO	RIT	Y APP	LN.	INFO	.:						US 2									
											WO 2	005 -	IB33	26		W 2	0051	017		

OTHER SOURCE(S): MARPAT 144:450729

GI

Me

AB Title compds. I [Rl = (un)substituted independently Ph, naphthyl, heteroaryl, etc., R2 = H, alkyl, R3, R4 = independently (un)substituted alk (en/yn)yl, cycloalkyl; or NR3R4 = (un)substituted mono- or polycyclyl containing at least one heteroatom; R5 = halo/cyclo/alkyl, alkenyl, alkenyl, R6, which may be attached at Nl or N2 of the pyrazole ring = H, cycloalkyl, alk (en/yn)yl, etc.; and their tautomers, and their pharmaceutically acceptable salts] were prepared as phosphodiesterase 5 (PDB5) inhibitors. Thus, amination of 5,7-dichloro-1-(2-ethoxyethyl)-3-ethyl-1H-pyrazolo[4,3-d]pyrimidine with 2-amino-4-picoline, followed by a second amination of 5-chloro intermediate with 4-piperidinemethanol gave pyrazolopyrimidine II. In a scintillation proximity PDB5 assay, II inhibited PDB5 with an IC50 value of 0.0728 nM.

IIT 885472-08-2P 885472-30-0P, tert-Buty1
4-[7-[(pyrimidin-4-y1)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]piperazine-1-carboxvlate

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(PDE5 inhibitor; preparation of pyrazolopyrimidines as PDE5 inhibitors for treating hypertension)

RN 885472-08-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-(ethoxymethyl)-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester, 2,2,2-trifluoroacetate (1:?) (C INDEX NAME)

CM 1

CRN 885472-07-1 CMF C25 H34 F3 N9 O4

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 885472-30-0 CAPLUS

1-Piperazinecarboxylic acid, 4-[7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE IT  $792969-22-3P\ 792969-47-2P\ 792970-86-6P$ 

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794511-60-7P 794511-61-8P 794511-62-9P.
1-(2-Ethoxyethyl)-3-(methoxymethyl)-5-(piperazin-1-yl)-N-(pyrimidin-4-yl)-
1H-pyrazolo[4,3-d]pyrimidin-7-amine 885469-95-4P.
[1-[1-(2-\text{Ethoxyethv1})-3-\text{ethv}]-7-[(4-\text{methvlpyridin}-2-\text{vl})]amino]-1H-
pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-yl]methanol 885469-96-5P
885469-97-6P 885469-98-7P,
1-[1-(2-Ethoxyethvl)-3-ethvl-7-[(4-fluorophenvl)amino]-1H-pvrazolo[4,3-
dlpvrimidin-5-vllpiperidine-3-carboxamide 885469-99-8P
885470-00-8P 885470-01-9P 885470-02-0P
885470-03-1P, 1-[3-Ethyl-7-[(pyrimidin-4-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-3-
carboxamide 885470-04-2P 885470-05-3P
885470-06-4P 885470-08-6P 885470-09-7P
885470-10-0P 885470-11-1P 885470-12-2P
885470-13-3P 885470-14-4P 885470-15-5P
885470-16-6P 885470-17-7P 885470-18-8P
885470-19-9P 885470-20-2P 885470-21-3P
885470-22-4P 885470-24-6P 885470-25-7P
885470-26-8P, 3-Ethyl-N-methyl-N-(1-methylpiperidin-4-v1)-N'-
(pyrazin-2-v1)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
d]pvrimidine-5,7-diamine 885470-27-9P 885470-28-0P,
1-[3-Ethyl-7-[(pyrazin-2-yl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-
pvrazolo[4,3-d]pvrimidin-5-vllpiperidine-3-carboxamide
885470-29-1P. [1-[3-Ethyl-7-[(pyrazin-2-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-
vl]methanol 885470-30-4P,
3-Ethyl-5-(piperazin-1-yl)-N-(pyrazin-2-yl)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-31-5P, 3-Ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(4-
methylpyridin-2-yl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
d]pyrimidine-5,7-diamine 885470-32-6P 885470-33-7P,
1-[3-Ethv1-7-[(4-methvlpvridin-2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amino]-1-[2-(2,2,2-v1)amin
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-3-
carboxamide 885470-34-8P.
[1-[3-Ethy1-7-[(4-methylpyridin-2-y1)amino]-1-[2-(2,2,2-y1)amino]]
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-
vl]methanol 885470-35-9P,
3-\text{Ethyl-N-}(4-\text{methylpyridin-}2-\text{vl})-5-(\text{piperazin-}1-\text{vl})-1-[2-(2,2,2-
trifluoroethoxy)ethyll-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-36-0P 885470-37-1P 885470-38-2P,
1-[3-Ethv1-7-[(6-methvlpvridin-2-v1)amino]-1-[2-(2,2,2-v1)amino]
trifluoroethoxv)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-3-
carboxamide 885470-39-3P.
[1-[3-Ethyl-7-[(6-methylpyridin-2-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-
vllmethanol 885470-40-6P.
3-Ethvl-N-(6-methvlpvridin-2-vl)-5-(piperazin-1-vl)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-41-7P, 3-Ethyl-N-(4-fluorophenyl)-5-(piperazin-1-yl)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-42-8P 885470-43-9P,
1-[3-Ethvl-7-[(pvridin-2-vl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethvl]-1H-
pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-3-carboxamide
885470-44-0P, [1-[3-Ethyl-7-[(pyridin-2-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-
v1|methano1 885470-45-1P,
3-Ethyl-5-(piperazin-1-yl)-N-(pyridin-2-yl)-1-[2-(2,2,2-
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trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-46-2P, 3-Ethvl-N'-(4-fluorophenvl)-N-methvl-N-(1-
methylpiperidin-4-y1)-1-[2-(2,2,2-trifluoroethoxy)ethy1]-1H-pyrazolo[4,3-
dlpvrimidine-5,7-diamine 885470-47-3P 885470-48-4P.
1-[3-Ethyl-7-[(4-methylpyrimidin-2-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-3-
carboxamide 885470-49-5P,
[1-[3-Ethvl-7-[(4-methvlpvrimidin-2-vl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-
vllmethanol 885470-50-8P.
3-Ethyl-N-(4-methylpyrimidin-2-yl)-5-(piperazin-1-yl)-1-[2-(2,2,2-1)]
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-51-9P 885470-52-0P 885470-54-2P
885470-55-3P, 5-(1,4-Diazepan-1-v1)-3-methv1-N-(pvrimidin-4-v1)-1-
[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-56-4P 885470-57-5P 885470-58-6P,
3-Ethyl-N-(4-methylphenyl)-5-(piperazin-1-yl)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-59-7P 885470-60-0P,
3-Ethvl-N-methvl-N'-(4-methvlphenvl)-N-(1-methvlpiperidin-4-vl)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-61-1P, N-(2-Aminoethyl)-3-ethyl-N'-(pyrimidin-4-yl)-1-[2-
(2.2.2-trifluoroethoxy)ethyl]-1H-pyrazolo[4.3-d]pyrimidine-5.7-diamine
885470-62-2P 885470-63-3P.
1-(2-Ethoxyethyl)-3-ethyl-N-(6-methylpyridin-2-yl)-5-(piperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885470-64-4P
885470-65-5P, 1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-vl)-
N-(6-methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-66-6P 885470-67-7P 885470-68-8P
885470-69-9P, 1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-yl)-
N-(4-methylpyridin-2-vl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-70-2P 885470-71-3P 885470-72-4P
885470-73-5P 885470-74-6P,
5-(3,4-Dimethylpiperazin-1-vl)-1-(2-ethoxyethyl)-3-ethyl-N-(4-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-75-7P 885470-76-8P,
N-(1-Benzylpyrrolidin-3-yl)-1-(2-ethoxyethyl)-3-ethyl-N-methyl-N'-(4-
methylpyridin-2-vl)-1H-pyrazolo[4,3-d]pyrimidin-5,7-diamine
885470-77-9P, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N'-(4-
methylpyridin-2-v1)-N-(1-methylpyrrolidin-3-v1)-1H-pyrazolo[4,3-
dlpvrimidin-5,7-diamine 885470-78-0P,
N-(1-Benzylpyrrolidin-3-yl)-1-(2-ethoxyethyl)-3-ethyl-N'-(4-methylpyridin-
2-yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885470-79-1P,
1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(pyridin-
2-v1)-1H-pvrazolo[4,3-d]pvrimidine-5,7-diamine 885470-80-4P,
Ethyl 4-[[1-(2-ethoxyethyl)-3-ethyl-7-[(4-methylpyridin-2-yl)amino]-1H-
pyrazolo[4,3-d]pyrimidin-5-vl]amino]piperidine-1-carboxylate
885470-81-5P, 1-(2-Ethoxyethyl)-3-ethyl-5-(piperazin-1-yl)-N-
(pyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidine-7-amine 885470-82-6P
, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(5-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-83-7P, 1-(2-Ethoxyethyl)-3-ethyl-N-(5-methylpyridin-2-yl)-5-
(piperazin-1-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885470-84-8P
, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(6-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-85-9P 885470-86-0P,
1-(2-Ethoxyethy1)-3-ethy1-N'-(6-ethy1pyridin-2-y1)-N-methy1-N-(1-
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methylpiperidin-4-v1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-87-1P, N'-(4,6-Dimethylpyridin-2-v1)-1-(2-ethoxyethyl)-3-
ethyl-N-methyl-N-(1-methylpyrrolidin-3-v1)-1H-pyrazolo[4,3-d]pyrimidine-
5.7-diamine 885470-88-2P.
1-(2-Ethoxyethyl)-3-ethyl-N'-(6-ethylpyridin-2-yl)-N-methyl-N-(1-
methylpyrrolidin-3-y1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-89-3P, N'-(4,6-Dimethylpyridin-2-v1)-1-(2-ethoxyethyl)-3-
ethyl-N-methyl-N-(1-methylpiperidin-4-vl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-
diamine 885470-90-6P, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N'-(3-
methylphenyl)-N-(1-methylpiperidin-4-yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-
diamine 885470-91-7P 885470-92-8P,
1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N'-(3-methylphenyl)-N-(1-
methylpyrrolidin-3-v1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-93-9P, 1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-yl)-
N-(pyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885470-95-1P
, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(4-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885470-96-2P, 1-(2-Ethoxyethyl)-3-ethyl-N-(4-methylpyridin-2-yl)-5-
(piperazin-1-v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885470-97-3P
885470-98-4P, 3-Methyl-N-(4-methylpyridin-2-v1)-5-(piperazin-1-v1)-
1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885470-99-5P, 3-Methyl-5-(piperazin-1-vl)-N-(pyridin-2-vl)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-00-1P, 3-Methyl-5-(4-methylpiperazin-1-yl)-N-(6-
methylpyridin-2-yl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
d]pvrimidin-7-amine 885471-01-2P,
3-Methyl-5-(4-methylpiperazin-1-v1)-N-(pyridin-2-v1)-1-[2-(2,2,2-
trifluoroethoxy)ethyll-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-02-3P, 3-Methyl-5-(4-methylpiperazin-1-yl)-N-(4-
methylpyridin-2-yl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
d]pyrimidin-7-amine 885471-03-4P 885471-04-5P
885471-05-6P 885471-06-7P,
1-(2-Ethoxyethyl)-3-ethyl-N-(3-methylpyridin-2-yl)-5-(piperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-07-8P,
1-(2-Ethoxyethyl)-3-ethyl-N-(3-fluorophenyl)-5-(piperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-08-9P,
5-[[1-(2-Ethoxyethyl)-3-ethyl-5-(piperazin-1-yl)-1H-pyrazolo[4,3-
d]pyrimidin-7-v1]amino]pyridin-2(1H)-one 885471-09-0P,
1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-yl)-N-phenyl-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-10-3P,
1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-yl)-N-(3-methylpyridin-2-
yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-11-4P
885471-12-5P, 1-(2-Ethoxyethyl)-3-ethyl-N-phenyl-5-(piperazin-1-
v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-13-6P
885471-15-8P, 5-[[1-(2-Ethoxyethyl)-3-ethyl-5-(4-methylpiperazin-1-
vl)-1H-pvrazolo[4,3-d]pvrimidin-7-vl]amino[pvridin-2(1H)-one
885471-17-0P 885471-19-2P.
1-(2-Ethoxyethyl)-3-ethyl-N-(3-methoxyphenyl)-5-(4-methylpiperazin-1-yl)-
1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-21-6P.
N-(3-Chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-5-(piperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-23-8P,
1-(2-Ethoxyethyl)-3-ethyl-N-(3-methoxyphenyl)-5-(piperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-24-9P.
1-(2-Ethoxyethy1)-3-ethy1-N-(3-fluoropheny1)-5-(4-methylpiperazin-1-v1)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-26-1P,
N-(3-Chloropheny1)-1-(2-ethoxyethy1)-3-ethy1-5-(4-methylpiperazin-1-y1)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-28-3P,
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5-[4-(2-Aminoethyl)piperazin-1-v1]-1-(2-ethoxyethyl)-3-ethyl-N-(pyridin-2-
v1)-N-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-30-7P,
5-(4-Aminopiperidin-1-y1)-1-(2-ethoxyethy1)-3-ethy1-N-(4-methylpyridin-2-
v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-32-9P.
1-(2-Ethoxyethyl)-3-ethyl-N'-(6-methylpyridin-2-yl)-N-(2-(morpholin-4-
vl)ethyl]-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-34-1P
885471-36-3P, 5-(4-Aminopiperidin-1-v1)-1-(2-ethoxyethv1)-3-ethv1-
N-(pyridin-2-v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-38-5P
, 5-[4-(2-Aminoethyl)piperazin-1-yl]-1-(2-ethoxyethyl)-3-ethyl-N-(6-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-40-9P, 5-(4-Aminopiperidin-1-yl)-1-(2-ethoxyethyl)-3-ethyl-
N-(6-methylpyridin-2-v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-41-0P, 1-(2-Ethoxyethyl)-3-ethyl-N'-(4-methylpyridin-2-yl)-
N-[2-(morpholin-4-yl)ethyl]-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885471-42-1P, 5-[4-(2-Aminoethyl)piperazin-1-yl]-1-(2-ethoxyethyl)-
3-ethyl-N-(4-methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidine-7-amine
885471-43-2P, 5-[4-(Aminomethyl)piperidin-1-yl]-1-(2-ethoxyethyl)-
3-ethyl-N-(4-methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-44-3P, 1-(2-Ethoxyethyl)-3-ethyl-N'-(4-methylpyridin-2-yl)-
N-(piperidin-4-vl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885471-45-4P, 5-(4-(Aminomethyl)piperidin-1-vl]-1-(2-ethoxyethyl)-
3-ethyl-N-(6-methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-46-5P, 5-[4-(Aminomethyl)piperidin-1-v1]-1-(2-ethoxyethyl)-
3-ethyl-N-(pyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-47-6P 885471-48-7P,
1-(2-Ethoxyethyl)-3-ethyl-N-piperidin-4-vl-N'-pyridin-2-vl-1H-pyrazolo[4.3-
d]pyrimidin-5,7-diamine 885471-49-8P,
1-(2-Ethoxyethyl)-3-ethyl-N'-(6-methylpyridin-2-yl)-N-(piperidin-4-
yl)methyl]-1H-pyrazolo[4,3-d]pyrimidin-5,7-diamine 885471-50-1P,
1-(2-Ethoxyethyl)-3-ethyl-N-(1-ethylpiperidin-4-yl)-N'-(4-methylpyridin-2-
yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-51-2P,
1-(2-Ethoxyethyl)-3-ethyl-N-[(piperidin-4-yl)methyl]-N'-(pyridin-2-yl)-1H-
pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-52-3P,
1-(2-Ethoxyethyl)-3-ethyl-N-(1-ethylpiperidin-4-yl)-N'-(pyridin-2-yl)-1H-
pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-53-4P,
1-(2-Ethoxyethyl)-3-ethyl-N-(1-ethylpiperidin-4-yl)-N'-(6-methylpyridin-2-
yl)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-54-5P,
1-(2-Ethoxyethyl)-3-ethyl-N'-(6-methylpyridin-2-yl)-N-(piperidin-4-yl)-1H-
pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-55-6P,
1-(2-Ethoxyethyl)-3-ethyl-N-(1-isopropylpiperidin-4-yl)-N'-(4-
methylpyridin-2-v1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885471-56-7P, 1-(2-Ethoxyethyl)-3-ethyl-N-(1-isopropylpiperidin-4-
v1)-N'-(pyridin-2-v1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885471-57-8P, 1-(2-Ethoxyethyl)-3-ethyl-N-(1-isopropylpiperidin-4-
y1)-N'-(6-methylpyridin-2-y1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
885471-58-9P, 1-(1-(2-Ethoxyethyl)-3-ethyl-7-((6-methylpyridin-2-
yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4-carboxamide
885471-59-0P, 1-[1-(2-Ethoxyethyl)-3-ethyl-7-[(4-methylpyridin-2-
yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4-carboxamide
885471-60-3P, 1-[1-(2-Ethoxyethyl)-3-ethyl-7-[(pyridin-2-yl)amino]-
1H-pyrazolo[4,3-d]pyrimidin-5-vl]piperidine-4-carboxamide
885471-61-4P, 5-(4-Aminopiperidin-1-y1)-1-(2-ethoxyethy1)-3-ethy1-
N-(3-methoxyphenyl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885471-62-5P, 5-(4-Aminopiperidin-1-y1)-1-(2-ethoxyethy1)-3-ethy1-
N-phenyl-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-63-6P,
5-(4-Aminopiperidin-1-y1)-N-(3-chloropheny1)-1-(2-ethoxyethy1)-3-ethy1-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-64-7P,
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5-(4-Aminopiperidin-1-y1)-1-(2-ethoxyethy1)-3-ethy1-N-(3-fluoropheny1)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-65-8P.
5-(4-Aminopiperidin-1-y1)-1-(2-ethoxyethy1)-3-ethy1-N-(4-fluoropheny1)-1H-
pyrazolo[4,3-d]pyrimidin-7-amine 885471-66-9P.
1-(2-Ethoxyethyl)-3-ethyl-N'-phenyl-N-[(piperidin-4-yl)methyl]-1H-
pyrazolo[4,3-d]pyrimidin-5,7-diamine 885471-67-0P,
1-(2-Ethoxyethyl)-3-ethyl-N'-(3-fluorophenyl)-N-(piperidin-4-yl)methyl]-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-68-1P,
1-(2-Ethoxyethyl)-3-ethyl-N'-(3-methoxyphenyl)-N-[(piperidin-4-yl)methyl]-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-69-2P,
1-(2-Ethoxyethyl)-3-ethyl-N'-(4-fluorophenyl)-N-[(piperidin-4-yl)methyl]-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-70-5P,
N'-(3-Chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-N-[(piperidin-4-yl)methyl]-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 885471-71-6P
885471-72-7P 885471-73-8P 885471-74-9P
885471-75-0P 885471-76-1P 885471-77-2P,
1-(2-Ethoxyethyl)-3-methyl-5-(4-methylpiperazin-1-yl)-N-(4-methylpyridin-2-
vl)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-78-3P,
5-(4-Aminopiperidin-1-v1)-1-(2-ethoxyethyl)-3-methyl-N-(6-methylpyridin-2-
vl)-1H-pvrazolo(4,3-d)pvrimidin-7-amine 885471-79-4P
885471-80-7P 885471-81-8P 885471-82-9P
885471-83-0P 885471-84-1P 885471-85-2P
885471-86-3P 885471-87-4P 885471-88-5P
885471-89-6P 885471-90-9P 885471-91-0P
885471-93-2P 885471-94-3P 885471-95-4P
885471-96-5P 885471-97-6P,
1-(2-Ethoxyethyl)-5-(4-ethylpiperazin-1-yl)-3-(methoxymethyl)-N-(pyrimidin-
4-v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine 885471-98-7P
885471-99-8P 885472-00-4P 885472-01-5P
885472-02-6P 885472-04-8P 885472-06-0P
885472-10-6P 885472-12-8P 885472-14-0P
885472-16-2P 885472-18-4P 885472-20-8P
885472-22-0P 885472-24-2P 885472-26-4P
885472-28-6P 885472-29-7P 885472-31-1P.
5-(Piperazin-1-y1)-N-(pyrimidin-4-y1)-1-[2-(2,2,2-trifluoroethoxy)ethy1]-3-
[(2,2,2-trifluoroethoxy)methyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885472-32-2P 885472-33-3P 885472-34-4P,
3-[(Cyclopropylmethoxy)methyl]-5-(piperazin-1-yl)-N-(pyrimidin-4-yl)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885472-35-5P 885472-36-6P 885472-37-7P.
5-(Piperazin-1-v1)-N-(pyrimidin-4-v1)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-
[(3,3,3-trifluoropropoxy)methyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885472-38-8P, 5-(1,4-Diazepan-1-yl)-1-(2-ethoxyethyl)-3-ethyl-N-(4-
methylpyridin-2-v1)-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885472-39-9P, 5-(1,4-Diazepan-1-v1)-1-(2-ethoxyethv1)-3-ethv1-N-(4-
fluorophenvl)-1H-pyrazolo(4,3-d)pyrimidin-7-amine 885472-40-2P
885472-41-3P, 3-Ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-
(pyrimidin-4-y1)-1-[2-(2,2,2-trifluoroethoxy)ethy1]-1H-pyrazolo[4,3-
d]pyrimidine-5,7-diamine 885472-42-4P 885472-43-5P
885472-44-6P, 2-[4-[3-Ethyl-7-[(pyrimidin-4-yl)amino]-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperazin-1-
vllethanol 885472-45-7P.
5-(1,4-Diazepan-1-v1)-3-ethvl-N-(pvrimidin-4-v1)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-amine
885472-46-8P, 3-Ethyl-5-(4-methyl-1,4-diazepan-1-yl)-N-(pyrimidin-
4-y1)-1-[2-(2,2,2-trifluoroethoxy)ethy1]-1H-pyrazolo[4,3-d]pyrimidin-7-
amine 885472-47-9P 885472-48-0P 885472-49-1P
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, [1-[3-Ethyl-7-[(pyrimidin-4-yl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]lH-pyrazolo[4,3-d]pyrimidin-5-yl]piperidin-4-yl]methanol 885472-50-4P 885472-51-5P.

1,3-Bis(2-Ethoxyethyl)-N,N-dimethyl-N'-(4-methylpyridin-2-yl)-1Hpyrazolo[4,3-d]pyrimidine-5,7-diamine 885473-18-7P 885473-19-88 885473-20-1P 885473-21-2

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(PDE5 inhibitor; preparation of pyrazolopyrimidines as PDE5 inhibitors for treating hypertension)

RN 792969-22-3 CAPLUS CN 1H-Pyrazolo (4.3-dlp

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)=thyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $79\,2969-47-2$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792970-86-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 794511-60-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 794511-61-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 794511-62-9 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimidi

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-(methoxymethy1)-5-(1-piperaziny1)-N-4-pyrimidiny1-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885469-95-4 CAPLUS

CN 4-Piperidinemethanol, 1-[1-(2-ethoxyethyl)-3-ethyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885469-96-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, -(2-ethoxyethyl)-3-ethyl-5-(hexahydro-1H-1,4-diazepin-1-yl)-N-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885469-97-6 CAPLUS

CN 3-Piperidinecarboxamide, 1-[1-(2-ethoxyethy1)-3-ethy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{CH}_2\text{-}\text{CH}_2\text{-}\text{OBt} \\ \\ \text{H}_2\text{N}\text{-}\text{C} \\ \\ \text{N} \\ \text{N} \\ \text{N} \\ \end{array}$$

RN 885469-98-7 CAPLUS

CN 3-Piperidinecarboxamide, 1-[1-(2-ethoxyethy1)-3-ethy1-7-[(4-fluoropheny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]- (CA INDEX NAME)

RN 885469-99-8 CAPLUS

●x HCl

- RN 885470-00-8 CAPLUS
- CN 4-Piperidinemethanol, 1-[1-(2-ethoxyethyl)-3-ethyl-7-[(4-fluorophenyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

- RN 885470-01-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1piperazinyl]-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

RN 885470-02-0 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-((3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyrimidinyl)- (CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-03-1 CAPLUS

CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-04-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-05-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-06-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, (2R,3R)-2,3-dihydroxybutanedioate (9CI) (CA

CM

INDEX NAME)

CRN 792969-47-2 CMF C20 H26 F3 N9 O

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 87-69-4 CMF C4 H6 O6

Absolute stereochemistry.

RN 885470-08-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

# Absolute stereochemistry.

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-09-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-4-pyrimidinyl-5-[(2S)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

#### ■x HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-10-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-5-(4-morpholinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-11-1 CAPLUS

CN 3-Piperidinecarboxylic acid, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-12-2 CAPLUS

CN 1-Piperazineethanol, 4-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-13-3 CAPLUS

CN 3-Piperidinecarboxamide, N,N-diethyl-1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-14-4 CAPLUS

CN 3-Piperidinemethanol, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-15-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(hexahydro-1H-1,4-diazepin-1-yl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Et} & & \\ & \text{N} & & \text{N} \\ & & \text{N} & \\ & & \text{CH}_2\text{-}\text{CH}_2\text{-}\text{O}\text{-}\text{CH}_2\text{-}\text{CF}_3 \\ & & \text{N} & \\ & & \text{N} & \\ \end{array}$$

### ●x HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-16-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-5-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluorethoxy)ethyl-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-17-7 CAPLUS
- CN 3-Pyrrolidinemethanol, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, hydrochloride (1:?), (3R)- (CA INDEX NAME)

Absolute stereochemistry.

●x HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-18-8 CAPLUS

CN 3-Pyrrolidinemethanol, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (38)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-19-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(4-ethyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-20-2 CAPLUS

CN Ethanone, 1-[4-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-1-piperazinyl]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-21-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $3-ethyl-5-[4-(ethylsulfonyl)-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- \\ (CA INDEX NAME)$ 

RN 885470-22-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3,4-dimethyl-1-piperazinyl]-3-ethyl-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

### Absolute stereochemistry.

# ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-24-6 CAPLUS

CN Carbamic acid, [2-[[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]ethyl]-, (2R,3R)-2,3-dihydroxybutanedioate (9CI) (CA INDEX NAME)

CM :

CRN 885470-23-5

CMF C22 H30 F3 N9 O3

CM 2

CRN 87-69-4 CMF C4 H6 O6

Absolute stereochemistry.

RN 885470-25-7 CAPLUS CN 1-Piperazinemethano

 $\begin{tabular}{ll} 1-Piperazine methanol, & 4-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- & (CA INDEX NAME) & (C$ 

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-26-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-2-pyrazinyl-1-[2-(2,2,2-trifluoroethoxy]ethyl]- (CA INDEX NAME)

- RN 885470-27-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyrazinyl-1-[2-(2,2,2-triflorroethoxylethyl]- (CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-28-0 CAPLUS
- CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-(2-pyrazinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-29-1 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-(2-pyrazinylamino)-1-[2-(2,2,2-

4-Piperidinemethanol, 1-[3-ethyl-7-(2-pyrazinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-30-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(1-piperazinyl)-N-2-pyrazinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl](CA INDEX NAME)

- RN 885470-31-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-32-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-[(3R)-3-methyl-1-piperaziny1]-N-(4-methyl-2-pyridiny1)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-33-7 CAPLUS
- CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-34-8 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-35-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-36-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1-piperazinyl]-1-[2-(2,2,2-trifluoroethoxyl)ethyl]- (CA INDEX NAME)

### Absolute stereochemistry.

- RN 885470-37-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-[2(2,2,2-trifloroethoxylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 885470-38-2 CAPLUS

CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-[(6-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-39-3 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-[(6-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-40-6 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

IN IH-Pyrazolo[4,3-d]pyrimidin-/-amine,
3-ethyl-N-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-41-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-(4-fluorophenyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-42-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-43-9 CAPLUS

CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-(2-pyridinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-44-0 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-(2-pyridinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-45-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(1-piperazinyl)-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-(CA INDEX NAME)

- RN 885470-46-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N7-(4-fluorophenyl)-N5-methyl-N5-(1-methyl-4-piperidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 885470-47-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-48-4 CAPLUS
- CN 3-Piperidinecarboxamide, 1-[3-ethyl-7-[(4-methyl-2-pyrimidinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885470-49-5 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-[(4-methyl-2-pyrimidinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-50-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $3-ethyl-N-(4-methyl-2-pyrimidinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- \\ (CA INDEX NAME)$ 

RN 885470-51-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-52-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

CM 1

CRN 792969-22-3 CMF C19 H24 F3 N9 O

0111 013 1121 13 113 0

CM 2

CRN 87-69-4 CMF C4 H6 O6

Absolute stereochemistry.

RN 885470-54-2 CAPLUS

CN 3-Piperidinemethanol, 1-[3-methyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-55-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(hexahydro-1H-1,4-diazepin-1-y1)-3-methyl-N-4-pyrimidinyl-1-[2-(2,2,2-

trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885470-56-4 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 5-(hexahydro-1H-1,4-diazepin-1-y1)-3-methyl-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, (2R,3R)-2,3-dihydroxybutanedioate (9CI) (CA

CM

INDEX NAME)

CRN 885470-55-3 CMF C19 H24 F3 N9 O

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 87-69-4

CMF C4 H6 O6

RN 885470-57-5 CAPLUS

CN 4-Piperidinemethanol, 1-[3-methyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-58-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-(4-methylphenyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-59-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
 3-ethyl-N-(4-methylphenyl)-5-[(3R)-3-methyl-1-piperazinyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 885470-60-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
   3-ethyl-N5-methyl-N7-(4-methylphenyl)-N6-(1-methyl-4-piperidinyl)-1-[2-(2,2,2-trifluorethoxylethyl]- (CA INDEX NAME)

- RN 885470-61-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  N5-(2-aminoethyl)-3-ethyl-N7-4-pyrimidinyl-1-[2-(2,2,2trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-62-2 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-[(3R)-3-methy1-1-piperaziny1]-N-(6-methy1-2-pyridiny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-63-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-N-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 885470-64-4 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-((35)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-65-5 CAPLUS

NN 8534'0-63-9 CAFEGS NH-Pyrazole(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-(4-methyl-1-piperazinyl)-N-(6-methyl-2-pyridinyl)-(CA INDEX NAME)

- RN 885470-66-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  5-[(3R,58)-3,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(6-methyl-2-pyridinyl)-, rel (CA INDEX NAME)

Relative stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-67-7 CAPLUS

RN 885470-68-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3S)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-69-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-(2- {\tt ethoxyethy1})-3- {\tt ethy1}-5-(4- {\tt methy1}-1- {\tt piperaziny1})-{\tt N-}(4- {\tt methy1}-2- {\tt pyridiny1})- \\ \hspace*{0.2cm} ({\tt CA \ INDEX \ NAME})$ 

- RN 885470-70-2 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-[(3R)-3-methy1-1-piperaziny1]-N-(5-methy1-2-pyridiny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-71-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethy1)-3-ethy1-N-(6-ethy1-2-pyridiny1)-5-[(3R)-3-methy1-1-piperaziny1]- (CA INDEX NAME)

- RN 885470-72-4 CAPLUS
- CN NH-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-73-5 CAPLUS
- CN 1H-Pyrazolo(4,3-d]pyrimidin-7-amine,
  1-(2-ethoxyethy1)-3-ethy1-5-[(3R)-3-methy1-1-piperaziny1]-N-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 885470-74-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(3,4-dimethyl-1-piperazinyl)-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-75-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

- RN 885470-76-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-[1-(phenylmethyl)-3-pyrrolidinyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-77-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-(1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

RN 885470-78-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N7-(4-methyl-2-pyridinyl)-N5-[1-(phenylmethyl)-3pyrrolidinyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-79-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-2pyridinyl- (CA INDEX NAME)

- RN 885470-80-4 CAPLUS
- CN 1-Piperidinecarboxylic acid, 4-[[1-(2-ethoxyethy1)-3-ethy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]amino]-, ethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-81-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-(1-piperaziny1)-N-2-pyridiny1- (CA INDEX NAME)

- RN 885470-82-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(5methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-83-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - $1-(2-\text{ethoxyethy1})-3-\text{ethy1-N-(5-methy1-2-pyridiny1)}-5-(1-\text{piperaziny1})-\\ \text{(CAINDEX NAME)}$

RN 885470-84-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-85-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(3R,55)-3,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

RN 885470-86-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-3-ethy1-N7-(6-ethy1-2-pyridiny1)-N5-methy1-N5-(1-methy1-4-piperidiny1)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-87-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

- RN 885470-88-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-(6-ethyl-2-pyridinyl)-N5-methyl-N5-(1-methyl-3-pyrrolidinyl) - (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885470-89-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

RN 885470-90-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(3-methylphenyl)-N5-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

RN 885470-91-7 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-(3-methylphenyl)-5-[(3R)-3-methyl-1-piperazinyl)- (CA INDEX NAME)

RN 885470-92-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1 (2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(3-methylphenyl)-N5-(1-methyl-3pyrrolidinyl)- (CA INDEX NAME)

RN 885470-93-9 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-(4-methy1-1-piperaziny1)-N-2-pyridiny1- (CA INDEX NAME)

RN 885470-95-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-96-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 885470-97-3 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885470-98-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885470-99-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-(1-piperazinyl)-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethowy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-00-1 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-(4-methyl-1-piperazinyl)-N-(6-methyl-2-pyridinyl)-1-[2-(2,2,2-trifiluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885471-01-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-methyl-5-(4-methyl-1-piperazinyl)-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-02-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $3-\texttt{methyl}-5-(4-\texttt{methyl}-1-\texttt{piperazinyl})-N-(4-\texttt{methyl}-2-\texttt{pyridinyl})-1-[2-(2,2,2-\texttt{trifluoroethoxy})\,\texttt{ethyl}]- \\ (CA INDEX NAME)$ 

- RN 885471-03-4 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-[(3R)-3-methy1-1-piperaziny1]-N-(3-methy1-2-pyridiny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-04-5 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 885471-05-6 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-(3R)-3-methy1-1-piperaziny1]-N-pheny1- (CA INDEX NAME)

Absolute stereochemistry.

RN 885471-06-7 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-07-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-(3-fluorophenyl)-5-(1-piperazinyl)- (CA INDEX NAME)

- RN 885471-08-9 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethy1)-3-ethy1-5-(1-piperaziny1)-1H-pyrazolo[4,3-d]pyrimidin-7-y1]amino]- (CA INDEX NAME)

- RN 885471-09-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-(4-methyl-1-piperazinyl)-N-phenyl- (CA INDEX NAME)

- RN 885471-10-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-(4-methyl-1-piperazinyl)-N-(3-methyl-2-pyridinyl)- (CA INDEX NAME)

- RN 885471-11-4 CAPLUS
- CN 1H-Pyrazolo [4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-3-ethyl-N-(3-methoxyphenyl)-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

- RN 885471-12-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-phenyl-5-(1-piperazinyl)- (CA INDEX NAME)

- RN 885471-13-6 CAPLUS
- CN IH-Pyrazolo [4,3-d]pyrimidin-7-amine, N-(3-chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

- RN 885471-15-8 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-3-ethyl-5-(4-methyl-1-piperazinyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 885471-17-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-3-ethy1-N-(3-fluoropheny1)-5-[(3R)-3-methy1-1piperaziny1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 885471-19-2 CAPLUS

RN 885471-21-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(3-chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-5-(1-piperazinyl)- (CA INDEX NAME)

RN 885471-23-8 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-N-(3-methoxypheny1)-5-(1-piperaziny1)- (CA INDEX NAME)

RN 885471-24-9 CAPLUS

- RN 885471-26-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  N-(3-chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-5-(4-methyl-1-piperazinyl)(CA INDEX NAME)

- RN 885471-28-3 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine,
  5-[4-(2-aminoethyl)-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-2-pyridinyl(CA INDEX NAME)

- RN 885471-30-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethy1-N-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 885471-32-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-(6-methyl-2-pyridinyl)-N5-[2-(4-morpholinyl)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-34-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-2-pyridinyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

RN 885471-36-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethy1-N-2-pyridiny1- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-38-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[4-(2-aminoethyl)-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{CH}_2-\text{CH}_2-\text{OEt} \\ \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{Et} \end{array}$$

RN 885471-40-9 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

H-Fyrazolo(4,3-d)pyrimidin-/-amine,
5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethyl-N-(6-methyl-2-pyridiny1)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885471-41-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N7-(4-methyl-2-pyridinyl)-N5-[2-(4-morpholinyl)ethyl]- (CA INDEX NAME)

RN 885471-42-1 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine,
5-[4-(2-aminoethyl)-1-piperazinyl)-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

H2N-CH2-CH2

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-43-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[4-(aminomethyl)-1-piperidinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 885471-44-3 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-(4-methyl-2-pyridinyl)-N5-4-piperidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-45-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $\begin{array}{lll} 5-[4-(aminomethyl)-1-piperidinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(6-methyl-2-pyridinyl)- & (CA INDEX NAME) \end{array}$ 

RN 885471-46-5 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimidin-7-ami

N 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[4-(aminomethyl)-1-piperidinyl]-1-(2-ethoxyethyl)-3-ethyl-N-2-pyridinyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-47-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-(4-methyl-2-pyridinyl)-N5-(4piperidinylmethyl)- (CA INDEX NAME)

RN 885471-48-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-4-piperidinyl-N7-2-pyridinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-49-8 CAPLUS

RN 885471-50-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-(1-ethyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-51-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-(4-piperidinylmethyl)-N7-2-pyridinyl- (CA INDEX NAME)

- RN 885471-52-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-(1-ethyl-4-piperidinyl)-N7-2-pyridinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-53-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-(1-ethyl-4-piperidinyl)-N7-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-54-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N7-(6-methyl-2-pyridinyl)-N5-4-piperidinyl- (CA INDEX NAME)

RN 885471-55-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-[1-(1-methylethyl)-4-piperidinyl]-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-56-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-[1-(1-methylethyl)-4-piperidinyl]-N7-2-pyridinyl- (CA INDEX NAME)

RN 885471-57-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-[1-(1-methylethyl)-4-piperidinyl]-N7-(6methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

885471-58-9 CAPLUS

CN 4-Piperidinecarboxamide, 1-[1-(2-ethoxyethy1)-3-ethy1-7-[(6-methy1-2pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885471-59-0 CAPLUS

CN 4-Piperidinecarboxamide, 1-[1-(2-ethoxyethy1)-3-ethy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-60-3 CAPLUS

CN 4-Piperidinecarboxamide, 1-[1-(2-ethoxyethyl)-3-ethyl-7-(2-pyridinylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885471-61-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethy1-N-(3-methoxypheny1)-(CA INDEX NAME)

885471-62-5 CAPLUS RN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethy1-N-pheny1- (CA INDEX NAME)

RN 885471-63-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(4-amino-1-piperidiny1)-N-(3-chloropheny1)-1-(2-ethoxyethy1)-3-ethy1-

## (CA INDEX NAME)

- RN 885471-64-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin=7-amine, 5-(4-amino-1-piperidinyl)-1-(2-ethoxyethyl)-3-ethyl-N-(3-fluorophenyl)-(CA INDEX NAME)

H<sub>2</sub>N

- RN 885471-65-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-ethy1-N-(4-fluoropheny1)-(CA INDEX NAME)

RN 885471-66-9 CAPLUS

CN 1H-Pyrazolo(4/3-d)pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-phenyl-N5-(4-piperidinylmethyl)- (CA INDEX NAME)

RN 885471-67-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-ethyl-N7-(3-fluorophenyl)-N5-(4-piperidinylmethyl)(CA INDEX NAME)

RN 885471-68-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-3-ethy1-N7-(3-methoxypheny1)-N5-(4-piperidiny1methy1)-(CA INDEX NAME)

- RN 885471-69-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N7-(4-fluorophenyl)-N5-(4-piperidinylmethyl)-(CA INDEX NAME)

- RN 885471-70-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-(3-chlorophenyl)-1-(2-ethoxyethyl)-3-ethyl-N5-(4-piperidinylmethyl)-(CA INDEX NAME)

RN 885471-71-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyridinyl-(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-72-7 CAPLUS

CN 1H-Pyrazolo (4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-methy1-5-(4-methy1-1-piperaziny1)-N-(6-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 885471-73-8 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimidin-7-amine

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-(4-methyl-1-piperazinyl)-N-2-pyridinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-74-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-(2-ethoxyethyl)-3-methyl-5-(1-piperazinyl)-N-2-pyridinyl- \quad (CA INDEX NAME)$ 

- RN 885471-75-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimiddin-7-amine, 1-(2-ethoxyethy1)-3-methy1-5-[(3R)-3-methy1-1-piperaziny1]-N-(4-methy1-2-pyriddiny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-76-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-3-methy1-N-(6-methy1-2-pyridiny1)-5-(1-piperaziny1)-(CA INDEX NAME)

RN 885471-77-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-(4-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-78-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(4-amino-1-piperidiny1)-1-(2-ethoxyethy1)-3-methy1-N-(6-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 885471-79-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(15,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-(methoxymethyl)-N-2-pyridinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-80-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyridinyl- (CA INDEX NAME)

- RN 885471-81-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-(ethoxymethyl)-N-2-pyridinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-82-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethy1)-3-(ethoxymethy1)-5-[(3R)-3-methy1-1-piperaziny1]-N-2-pyridiny1- (CA INDEX NAME)

- RN 885471-83-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-(ethoxymethyl)-M-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-84-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethy1)-3-(ethoxymethy1)-5-[(3R)-3-methy1-1-piperaziny1]-N-4-pyrimidiny1- (CA INDEX NAME)

RN 885471-85-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-N-(4-fluorophenyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 885471-86-3 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3(ethoxymethyl)-N-(4-fluorophenyl)- (CA INDEX NAME)

RN 885471-87-4 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(ethoxymethyl)-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1piperazinyl)- (CA INDEX NAME)

## Absolute stereochemistry.

RN 885471-88-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4,6-dimethy1-2-pyridiny1)-1-(2-ethoxyethy1)-3-(ethoxymethy1)-5-[(3R)-3-methy1-1-piperaziny1)- (CA INDEX NAME)

RN 885471-89-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-(ethoxymethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-90-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]- \\ (CA INDEX NAME)$ 

RN 885471-91-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-(methoxymethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-93-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-N-(6-ethyl-2-pyridinyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN 885471-94-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(13,43)-2,5-dlazabicyclo[2,2,1)hept-2-yl-1-(2-ethoxyethyl)-N-(6-ethyl-2pyriddinyl)-3-(methoxymethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-95-4 CAPLUS

RN 885471-96-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-1-(2-propoxyethyl)-N-2-pyridinyl- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885471-97-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-(4-ethyl-1-piperazinyl)-3-(methoxymethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 885471-98-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885471-99-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-3-(ethoxymethyl)-N-(6-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE 885472-00-4 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 5-(1S, 4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-3-(ethoxymethyl)-1-(2propoxyethyl)-N-2-pyridinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN

885472-01-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

RN 885472-02-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2,2.1]hept-2-yl-1-(2-ethoxyethy1)-3-(ethoxymethy1)-N-(6-ethyl-2-pyridiny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-04-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM :

CRN 885472-03-7

CMF C21 H28 F3 N9 O2

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 885472-06-0 CAPLUS

1H-Pyrazolo [4,3-d]pyrimidin-7-amine, 5-(15,48)-2,5-diazabicyolo[2,2],1]hept-2-yl-3-(ethoxymethyl)-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:7) (CA INDEX NAME)

CM 1

CRN 885472-05-9

CMF C21 H26 F3 N9 O2
Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 885472-10-6 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(ethoxymethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 885472-09-3 CMF C20 H26 F3 N9 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

CN

RN 885472-12-8 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-(ethoxymethyl)-5-(4-methyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyll-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 885472-11-7 CMF C21 H28 F3 N9 O2

Me N N N N CH2-CH2-O-CH2-CF3

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

RN 885472-14-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-[2-(dimethylamino)ethyl]-3-(ethoxymethyl)-N5-methyl-N7-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 885472-13-9 CMF C21 H30 F3 N9 O2

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-16-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $\begin{array}{lll} 3-(ethoxymethy1)-N^7-4-pyrimidiny1-N5-(2,2,6,6-tetramethy1-4-piperidiny1)-1-[2-(2,2,2-trifluoroachtoxy)ethy1]-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)$ 

CM 1

CRN 885472-15-1

CMF C25 H36 F3 N9 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-18-4 CAPLUS

CN 4-Piperidinol, 1-[3-(ethoxymethyl)-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxylethyl)-1H-pyrazolol(4,3-d)pyrimidin-5-yl]-, 2,2,2-trifluoroacetate (1:7) (CA INDEX NAME)

CM

CRN 885472-17-3 CMF C21 H27 F3 N8 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-20-8 CAPLUS

CN 4-Piperidinemethanol, 1-[3-(ethoxymethyl)-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 885472-19-5 CMF C22 H29 F3 N8 O3

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-22-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-[(1-methyllethoxy)methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 885472-21-9 CMF C22 H30 F3 N9 O2

## Absolute stereochemistry.

1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-24-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-[(1-methylethoxy)methyl]-7-(4pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 885472-23-1

CMF C26 H36 F3 N9 O4

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-26-4 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-[(l-methylethoxy)methyl]-5-(l-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 885472-25-3 CMF C21 H28 F3 N9 O2

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 885472-28-6 CAPLUS

https://doi.org/10.1009/10.100

CM

CRN 885472-27-5 CMF C22 H27 F6 N9 O2

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 885472-29-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-(f(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-31-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1-piperaziny1)-N-4-pyrimidiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]-3-[(2,2,2-trifluoroethoxy)methy1]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-32-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

RN 885472-33-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-[(cyclopropylmethoxy)methyl]-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-34-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(cyclopropylmethoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885472-35-5 CAPLUS CN 1H-Pyrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-[(cyclopropylmethoxy)methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885472-36-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-3-[(4,4,4-trifluorobutoxy)methyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885472-37-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(1-piperaziny1)-N-4-pyrimidiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]-3[(3,3)-trifluoropropoxy)methy1)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-38-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-(hexahydro-1H-1,4-diazepin-1-yl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 885472-39-9 CAPLUS

RN 885472-40-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN 885472-41-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885472-42-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885472-43-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-N-4-pyrimidinyl-5-[(28)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl]-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-44-6 CAPLUS

CN 1-Piperazineethanol, 4-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885472-45-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(hexahydro-1H-1,4-diazepin-1-yl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-46-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885472-47-9 CAPLUS

CN 3-Pyrrolidinemethanol, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-48-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3,4-dimethyl-1-piperazinyl]-3-ethyl-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 885472-49-1 CAPLUS

CN 4-Piperidinemethanol, 1-[3-ethyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885472-50-4 CAPLUS

CN 3-Piperidinecarboxamide, 1-[3-methyl-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 885472-51-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1,3-bis(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885473-18-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(1-piperazinyl)-N-2-pyrazinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-

, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885473-19-8 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxylethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 885473-20-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxylethyl]-, hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885473-21-2 CAPLUS

N 1H-Pyrazolo(4.3-d)pyrimidin-7-amine.

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-N-(4-fluorophenyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

IT 885473-22-3P 885473-23-4P 885473-24-5P
885473-25-6P 885473-26-7P 885473-28-9P
885473-29-0P 885473-30-3P 885473-31-4P
RI: FAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(PDE5 inhibitor; preparation of pyrazolopyrimidines as PDE5 inhibitors for treating hypertension)

#### 10580306

RN 885473-22-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethy1-5-[(3R)-3-methy1-1-piperaziny1]-N-2-pyridiny1-1-[2-(2,2,2trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

885473-23-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-(1-piperazinyl)-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 885473-24-5 CAPLUS
- CN
  - 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N7-(4-fluorophenyl)-N5-methyl-N5-(1-methyl-4-piperidinyl)-1-[2-

(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

- RN 885473-25-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyrimidinyl)-1-[2-(2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 885473-26-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-N-(4-methyl-2-pyrimidinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $885473{-}28{-}9$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-N-(4-methylphenyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

# ●x HCl

RN 885473-29-0 CAPLUS CN 1H-Pyrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-N-(4-methylphenyl)-5-[(3R)-3-methyl-1-piperazinyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

885473-30-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N5-methyl-N7-(4-methylphenyl)-N5-(1-methyl-4-piperidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

RN 885473-31-4 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(3-methyl-2-pyridinyl)-, hydrochloride (1:2) (CA INDEX NAME)

## x HCl

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ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
IT
     1044713-68-9 1044713-69-0 1044713-70-3
     1044713-71-4 1044713-74-7 1044713-75-8
     1044713-76-9 1044713-77-0 1044713-78-1
     1044713-79-2 1044713-80-5 1044713-82-7
     1044713-83-8 1044713-84-9 1044713-85-0
     1044713-86-1 1044713-87-2 1044713-88-3
     1044713-89-4 1044713-90-7 1044713-91-8
     1044713-92-9 1044713-93-0 1044713-94-1
     1044713-95-2 1044713-97-4 1044713-98-5
     1044713-99-6 1044714-00-2 1044714-01-3
     1044714-02-4 1044714-03-5 1044714-04-6
     1044714-05-7 1044714-06-8 1044714-07-9
     1044714-08-0 1044714-09-1 1044714-10-4
     1044714-11-5 1044714-12-6 1044714-13-7
     1044714-14-8 1044714-15-9 1044714-16-0
     1044714-17-1 1044714-18-2 1044714-19-3
     1044714-20-6 1044714-21-7 1044714-22-8
     1044714-23-9 1044714-24-0 1044714-25-1
     1044714-26-2 1044714-27-3 1044714-28-4
     1044714-29-5 1044714-30-8 1044714-31-9
     1044714-32-0 1044714-33-1 1044714-34-2
     1044714-35-3 1044714-36-4 1044714-37-5
     1044714-38-6 1044714-39-7 1044714-42-2
     1044714-43-3 1044714-44-4 1044714-45-5
     1044714-46-6 1044714-47-7 1044714-48-8
     1044714-49-9 1044714-50-2 1044714-51-3
     1044714-52-4 1044714-53-5 1044714-54-6
     1044714-55-7 1044714-56-8 1044714-57-9
     1044714-59-1 1044714-60-4 1044714-61-5
     1044714-62-6 1044714-63-7 1044714-64-8
     1044714-66-0 1044714-68-2 1044714-69-3
     1044714-70-6 1044714-72-8 1044714-73-9
     1044714-74-0 1044714-75-1 1044714-77-3
     RL: PRPH (Prophetic)
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inhibitors for treating hypertension)

(Preparation of novel 5,7-diaminopyrazolo[4,3-d]pyrimidines as PDE5

Page 277

- RN 1044713-68-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-3-[1-(2,2,2trifluoroethoxy)ethyl]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- 1044713-69-0 CAPLUS
- CN 1H-Pvrazolo[4,3-d]pvrimidin-7-amine,

3-[2-(cyclopropyloxy)ethyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044713-70-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[[(1-methylcyclopropyl)methoxy]methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044713-71-4 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-ethanol, 5-(dimethylamino)-1-(2-ethoxyethyl)- $\alpha$ -(1-methylethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-74-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-ethanol, α-cyclopentyl-5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044713-75-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-76-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044713-77-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[1-(1-methylethoxy)ethyl]-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-78-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(2,5-dimethyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-79-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[3-(cyclohexyloxy)pentyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044713-80-5 CAPLUS

CN

INDEX NAME NOT YET ASSIGNED

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-82-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

- RN 1044713-83-8 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1 1-Pyrazolo(4,3-d)pyramidin-/-amine,
    1-(2-ethoxyethy1)-5-[(3R)-3-methy1-1-piperaziny1]-N-4-pyridiny1-3-[(3,3,3-trifluoropropoxy)methy1]- (CA INDEX NAME)

- RN 1044713-84-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5,N5-dimethyl-3-[2-(1-methylethoxy)ethyl]-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 1044713-85-0 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-[2-(cyclopropylmethoxy)ethyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyridinyl-3-[(3,3,3-trifluoropropoxy)methyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 1044713-86-1 CAPLUS

CN 1H-Pyrazolo (4,3-d)pyrimidin-7-amine, 3-[(2-methoxyethoxy)methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044713-87-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[4-[(dimethylamino)methyl]-1-piperidinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-88-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(2-ethoxyethoxy)methyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044713-89-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1,3-bis[2-(2,2,2-trifluoroethoxy]ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044713-90-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1-piperaziny1)-N-2-pyridiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]-3-[(2,2,2-trifluoroethoxy)methy1]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE 1044713-91-8 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-[2-(cyclohexylmethoxy)ethyl]-1-(2-ethoxyethyl)-N5, N5-dimethyl-N7-(4methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-92-9 CAPLUS

INDEX NAME NOT YET ASSIGNED

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044713-93-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-[2-(cyclopropylmethoxy)ethyl]-1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-94-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5-ethyl-N5-methyl-N7-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-95-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,3-dimethyl-1-piperazinyl)-3-[(1-methylethoxy)methyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044713-97-4 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-[2-(cyclopropylmethoxy)ethyl]-3-(ethoxymethyl)-5-[(3R)-3-methyl-1piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044713-98-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5, N5-dimethyl-3-[2-(2-methylpropoxy)ethyl]-N7-(4-methyl-

2-pyridinyl) - (CA INDEX NAME)

RN 1044713-99-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-[2-(2-methylpropoxy)ethyl]-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-00-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-3-[1-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-01-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-02-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-[2-(cyclopropylmethoxy)ethyl]-3-[(cyclopropylmethoxy)methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyridinyl- (CA INDEX NAME)

RN 1044714-03-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(3,3-dimethyl-1-piperazinyl)-3-[(2-methylpropoxy)methyl]-N-4-pyrimidinyl1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-04-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-[2-(1-methylethoxy)ethyl]-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044714-05-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
   1,3-bis(2-ethoxyethy1)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-06-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(3R)-3-methyl-1-piperazinyl]-3-[(2-methylpropoxy)methyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $10\,44\,71\,4-0\,7-9$  CAPLUS

CN INDEX NAME NOT YET ASSIGNED

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-08-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-[2-(cyclohexylmethoxy)ethyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044714-09-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  3-(1-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-10-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

- RN 1044714-11-5 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-[(3R)-3-methyl-1-piperazinyl]-3-(propoxymethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-12-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-[2-(cyclopropylmethoxy)ethyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044714-13-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimiddin-7-amine, 3-(1-ethoxyethyl)-1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-14-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
- 3-[(cyclobutylmethoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

1044714-15-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(cyclopropylethoxymethyl)-1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN

1044714-16-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(cyclohexylmethoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

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RN 1044714-17-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,NS-dimethy1-3-[2-(1-methylethoxy)ethyl]-N7-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluorethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-18-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044714-19-3 CAPLUS

RN 1044714-19-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-ethanol,

a -cyclopropyl-5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-20-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-ethanol, 5-(dimethylamino)-a-ethenyl-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \\ \text{CH}_2-\text{CH}_2-\text{OEt} \\ \\ \text{N} \\ \text{N} \\ \text{OH} \\ \text{CH}_2-\text{CH}-\text{CH}=\text{CH}_2 \\ \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $1044714{-}21{-}7$  CAPLUS

CN INDEX NAME NOT YET ASSIGNED

# Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-22-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $\label{eq:continuous} 5-(4-\texttt{amino-1-piper1diny1})-\texttt{N-4-pyrimidiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]-3-[(2,2,2-trifluoroethoxy)methy1]-} \end{subarray} (CA INDEX NAME)$ 

RN 1044714-23-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-(1-ethoxy-2-methylpropyl)-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-24-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[3-(cyclopropylmethoxy)pentyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-25-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[1-(2-ethoxyethoxy)ethyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-26-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-5-[(3R)-3-methyl-1-piperaziny1]-3-[1-(2-methylpropoxy)propy1]-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044714-27-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(4-methyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-28-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[3-(cyclopropyloxy)pentyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-29-5 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,3-dimethyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2trifluoroethoxy)ethyll-3-[(2,2,2-trifluoroethoxy)methyll- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-30-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(2-ethoxyethoxy) methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-1)]trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-31-9 CAPLUS

NN 1044/14-31-9 CAPLOS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[3-(2,2,2-trifluoroethoxy)pentyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044714-32-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

RN 1044714-33-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(3,3-dimethyl-1-piperazinyl)-3-(ethoxymethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-34-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-3-[(2-methoxyethoxy)methy1]-5-[(3R)-3-methy1-1-piperaziny1]-N-4-pyrimidiny1- (CA INDEX NAME)

RN 1044714-35-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-[3-(1-methylethoxy)pentyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-36-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

RN 1044714-37-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1-piperazinyl)-3-(propoxymethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-38-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

RN 1044714-39-7 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-42-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $1-(2-\texttt{ethoxyethy1})-3-(2-\texttt{methoxyethy1})-N5, N5-\texttt{dimethy1}-N7-(4-\texttt{methy1}-2-\texttt{pyridiny1})- \\ (CA INDEX NAME)$ 

RN 1044714-43-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,3-dimethyl-1-piperazinyl)-N-2-pyridinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-((2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-44-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-[(3,3,3-trifluoropropoxy)methyl]- (CA INDEX NAME)

RN 1044714-45-5 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-[2-(cyclopropyloxy)ethyl]-1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-46-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-[2-(cyclopropylmethoxy)ethyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

RN 1044714-47-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-48-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[2-(2,2-dimethylpropoxy)ethyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044714-49-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-[2-(2,2-dimethylpropoxy)ethyl]-1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-50-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-[2-(cyclopropylmethoxy)ethyl]-3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyridinyl- (CA INDEX NAME)

RN 1044714-51-3 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-52-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-(2-{\tt ethoxyethy1})-3-(2-{\tt methoxyethy1})-5-(1-{\tt piperaziny1})-N-4-{\tt pyrimidinyl-(CA INDEX NAME)}$ 

- RN 1044714-53-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  5-(4-methyl-1-piperazinyl)-N-(4-methyl-2-r

5-(4-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-54-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-3-[(2,2,2-trifluoroethoxy)methyl]- (CA INDEX NAME)

RN 1044714-55-7 CAPLUS
CN 1H-Pyrazolo[4.3-dlpyrimidin-7-amine.

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-[(2-methylpropoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoreethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-56-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-[2-(cyclopropylmethoxy)ethyl]-3-[(cyclopropylmethoxy)methyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 1044714-57-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(35)-3-methyl-1-piperazinyl]-3-[(2-methylpropoxy)methyl]-N-4pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

#### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-59-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl-3-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 1044714-60-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-[(3S)-3-methyl-1-piperazinyl]-3-(propoxymethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-61-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
- 1-(2-ethoxyethy1)-3-[2-[(1-methylcyclopropy1)methoxy]ethy1]-5-(1-piperaziny1)-N-4-pyrimidiny1- (CA INDEX NAME)

- RN 1044714-62-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-[1-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

#### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044714-63-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-[[(1-methylcyclopropyl)methoxy]methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-64-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-66-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(cyclopentylmethoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-68-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-3-[3-(2-methylpropoxy)pentyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-69-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-[2-(cyclopropyloxy)ethyl]-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-70-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(cycloheptylmethoxy)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044714-72-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-[1-(2-methoxyethoxy)ethyl]-5-[(3R)-3-methyl-1piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044714-73-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1044714-74-0 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

5-(3,3-dimethyl-1-piperazinyl)-3-(propoxymethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044714-75-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[1-(2-ethoxyethoxy)ethyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044714-77-3 CAPLUS
ON INDEX NAME NOT YET ASSIGNED

CN INDEX NAME NOT YET ASSIGNED

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792968-79-7P, [5-Dimethylamino-1-(2-ethoxyethyl)-7-[(4-methylpyridin-2-yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methanol 866923-52-6P, 5-Dimethylamino-1-(2-ethoxyethyl)-7-[(4-methylpyridin-2-yl)amino]-1H-pyrazolo[4,3-d]pyrimidine-3-carboxaldehyde RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant) or reagent)

(intermediate; preparation of pyrazolopyrimidines as PDE5 inhibitors for treating hypertension)

RN 792968-79-7 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-3-methanol, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

CN

$$\begin{picture}(20,0) \put(0,0){\line(0,0){100}} \put(0,0){\line(0,0){100$$

RN 866923-52-6 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- IT 1076232-97-7P
  - RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of pyrazolopyrimidines as PDE5 inhibitors for treating hypertension)
- RN 1076232-97-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $3-(\texttt{ethoxymethy1})-5-[(3S)-3-\texttt{methy1}-1-\texttt{piperaziny1}]-N-4-\texttt{pyrimidiny1}-1-[2-(2,2,2-\texttt{trifluoroethoxy})\texttt{ethy1}]-\\ (CA INDEX NAME)$ 

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:151143 CAPLUS

DOCUMENT NUMBER: 144:219321

TITLE: Combination of a selective noradrenaline reuptake

inhibitor and a PDEV inhibitor

INVENTOR(S): Hughes, Bernadette

PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

										APPLICATION NO.						DATE		
										WO 2005-IB2457				20050729				
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB	, BG	, BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ	, EC	, EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS	, JP	, KE,	KG,	KM,	KP,	KR,	KZ,	
		LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD	, MG	, MK,	MN,	MW,	MX,	MZ,	NA,	
		NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT	, RO	, RU,	SC,	SD,	SE,	SG,	SK,	
		SL,	SM,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ	, UA	, UG,	US,	UZ,	VC,	VN,	YU,	
		ZA,	ZM,	ZW														
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE	, ES	, FI,	FR,	GB,	GR,	HU,	IE,	
		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT	, RO	, SE,	SI,	SK,	TR,	BF,	BJ,	
		CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML	, MR	, NE,	SN,	TD,	TG,	BW,	GH,	
		GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ	, TZ	, UG,	ZM,	ZW,	AM,	AZ,	BY,	
		KG,	KZ,	MD,	RU,													
AU	2005270904				A1					AU 2005-270904								
	2575980							CA 2005-2575980										
EP									EP 2005-769508									
	R:											, FI,						
												, RO,						
										CN 2005-80027106								
									JP 2007-525380									
BR	2005014296				A	A 20080617				BR 2005-14296					20050729			
NO	2006006059				A 20070129				NO 2006-6059 IN 2007-DN233					20061229				
IN	2007DN00233				A	A 20070803				IN 2007-DN233				20070109				
									MX 2007-694									
									KR 2007-703231 KR 2008-715060									
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PRIORITY	IORITY APPLN. INFO.:											-1777				0040		
												-6063				0040		
												-1077				0040		
										WO	2005	-IB24	57		W 2	0050		
												-7032				0070	209	

AB The present invention relates to a combination of a selective noradrenaline reuptake inhibitor (NRI) and a phosphodiesterase type 5 (PDEV) inhibitor. Such a combination is particularly useful in the treatment of pain. For example, the combination of i.p. (5,5)-reboxetine succinate and s.c. PDEV inhibitor 3-ethyl-5-[6-4-ethylpiperazin-1-ylsulfonyl)-2-n-propoxyphenyl]-2-(pyridin-2-yl)methyl-2,6-dihydro-7H-pyracolo[4,3-d]pyrimidin-7-one (Compound A) displayed synergy in animal models of pain. Following single administration both (5,5)-reboxetine and Compound A produced a dose dependent anti-allodynic effect in the preclin. model of chronic pain.

## 10580306

- IT 792969-47-2 853003-47-1 853003-48-2 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (combination of selective noradrenaline reuptake inhibitor and PDEV inhibitor in treatment of pain)
- RN 792969-47-2 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimidin-7-amine,

3-ethyl-5-[(3R)-3-methyl-1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-47-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-48-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1130641 CAPLUS

DOCUMENT NUMBER: 143:387058

TITLE: Preparation of substituted pyrazolo[4,3-d]pyrimidines

as inhibitors of phosphodiesterase V

KIND DATE

INVENTOR(S): Bell, Andrew Simon; Brown, David Graham; Fox, David Nathan Abraham; Lu, Hwang-Fun; Marsh, Ian Roger; Morrell, Andrew Lan; Owen, Dafvdd Rhws; Palmer,

Michael John; Rogers, Thomas Edward; Windslow, Carol

APPLICATION NO.

Ann

PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc. SOURCE: PCT Int. Appl., 182 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

WO 2005097799 A1 20051020 WO 2005-IB891 -----200309/799
M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EC, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG CA 2562251 20051020 CA 2005-2562251 20050330 A1 EP 1742950 A1 20070117 EP 2005-718362 20050330 EP 1742950 В1 20081217 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

BR 2005009731 A 20070925 BR 2005-9731 20050330
JP 2007532526 T 20071115 JP 2007-506858 20050330
MX 2006PA10554 A 20061208 MX 2006-PA10554 20060914
US 20080293697 A1 20081127 US 2006-599702 20061219
PRIORITY APPLN. INFO:: GB 2004-7927 A 20040407

GB 2004-7927 A 20040407 GB 2004-7946 A 20040407 US 2004-572024P P 20040518 US 2004-572049P P 20040518 WO 2005-IB891 W 20050330

OTHER SOURCE(S): CASREACT 143:387058; MARPAT 143:387058

GI

AB Title compds. I [R1 = cycloalkyl, cycloalkenyl, 5-6 membered heteroarom. ring, etc.; R2 = H, alkyl; R3-4 = alk(en/yn)yl, cycloalkyl, etc.; R5 = amino, alkylenylamino, etc.; R6 = alkyl, haloalkyl, alkenyl, alkynyl, etc.] are prepared For instance II is prepared in 12 steps from di-Me 4-nitro-1H-pyrazole-3,5-dicarboxylate, 2-ethoxyethyl bromide, 2-amino-4-methylpyridine, dimethylaminoacetic acid and dimethylamine. II has an IC50 = 1.12 for phosphodiesterase 5 (PDE5). I are useful for the treatment of diabetes and hypertension.

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1044708-68-0 1044708-69-1 1044708-74-8
1044708-75-9 1044708-76-0 1044708-77-1
1044708-82-8 1044708-83-9 1044708-84-0
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1044708-92-0 1044708-93-1 1044708-99-7
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1044709-07-0 1044709-08-1 1044709-09-2
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1044709-24-1 1044709-25-2 1044709-29-6
1044709-30-9 1044709-31-0 1044709-32-1
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1044709-46-7 1044709-47-8 1044709-50-3
1044709-51-4 1044709-53-6 1044709-54-7
1044709-58-1 1044709-59-2 1044709-61-6
1044709-62-7 1044709-65-0 1044709-66-1
1044709-68-3 1044709-69-4 1044709-72-9
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(Preparation of substituted pyrazolo[4,3-d]pyrimidines as inhibitors of phosphodiesterase V)
RN 1044708-68-0 CAPIUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1044709-73-0 RL: PRPH (Prophetic)

1-(2-ethoxyethyl)-5-(1-piperazinyl)-3-(1-piperazinylmethyl)-N-4pyrimidinyl- (CA INDEX NAME)

- RN 1044708-69-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine, N-cyclopentyl-1-(2-ethoxyethyl)-5-(1-piperazinyl)-7-(4-pyrimidinylamino)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044708-74-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-(4-morpholinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044708-75-9 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1-piperazinyl)-N-4-pyrimidinyl-3-(1-pyrrolidinylmethyl)-1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044708-76-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[[(3R)-3-methyl-1-piperazinyl]methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN

1044708-77-1 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

1-(2-ethoxyethyl)-N-phenyl-5-(1-piperazinyl)-3-(1-piperidinylmethyl)- (CA INDEX NAME)

1044708-82-8 CAPLUS RN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-3-(4-morpholinylmethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

RN 1044708-83-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3S)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044708-84-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

RN 1044708-85-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-5-[(3S)-3-methy1-1-piperaziny1]-N-(4-methy1-2-pyridiny1)-3-(1-piperidiny1)methy1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044708-90-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $1-(2-\text{ethoxyethyl})-N5-\text{ethyl}-N5-\text{methyl}-N7-(4-\text{methyl}-2-\text{pyridinyl})-3-(1-\text{piperidinylmethyl})- \\ \text{(CA INDEX NAME)}$ 

- RN 1044708-91-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)- (CA 1NDEX NAME)

Absolute stereochemistry.

- RN 1044708-92-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  5-[(3R)-3-methyl-1-piperaziny]-3-(1-piperazinylmethyl)-N-4-pyrimidinyl-1[2-(2,2,2-trifiloroethoxylethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044708-93-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine, N-cyclohexyl-1-(2-ethoxyethyl)-5-(1-piperazinyl)-7-(4-pyrimidinylamino)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044708-99-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-(1-piperazinyl)-3-(1-piperidinylmethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

RN 1044709-00-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethyl)-n-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)-3-(1-piperidinylmethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-01-4 CAPLUS

CN 4-Piperidinol, 1-[[5-(1-piperaziny1)-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

RN 1044709-06-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-ethyl-N5-methyl-3-(4-morpholinylmethyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-07-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-ethyl-N7-(4-fluorophenyl)-N5-methyl-3-(4-morpholinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-08-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-[(2-methyl-1-piperidinyl)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 1044709-09-2 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 3-[(3,3-dimethyl-1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 1044709-14-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-5-[(3S)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044709-15-0 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-16-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(4-fluorophenyl)-5-[(3R)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 1044709-17-2 CAPLUS CN
  - 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-ethyl-N5-methyl-3-(1-piperazinylmethyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-methyl-N5-methyl-3-(1-piperazinylmethyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-methyl-N5-metrifluoroethoxy)ethyl]- (CA INDEX NAME)

- 1044709-22-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-3-[(hexahydro-1H-azepin-1-y1)methy1]-5-(1-piperaziny1)-N-4-pyrimidinyl- (CA INDEX NAME)

RN 1044709-23-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-[(3,3-dimethyl-1-piperidinyl)methyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-24-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-3-(1-piperidinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-25-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5-ethyl-N5-methyl-3-(4-morpholinylmethyl)-N7-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-29-6 CAPLUS

CN IH-Pyrazolo[4,3-d]pyrimidine-3-methanamine, N-(1,1-dimethylethyl)-1-(2-ethoxyethyl)-5-(1-piperazinyl)-7-(4-pyrimidinylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-30-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine, N-ethyl-N-methyl-5-(1-piperazinyl)-7-(4-pyrimidinylamino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-31-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine,

1-(2-ethoxyethy1)-5-(1-piperaziny1)-7-(4-pyrimidinylamino)-N-(2,2,2-trifluoroethy1)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-32-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-3-(4-morpholinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-36-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3=(3,5-dimethyl-1-piperazinyl)methyl]-5-(1-piperazinyl)-N-4-pyrimidinyl-1[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-37-6 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-N-(4-fluorophenyl)-5-[(3R)-3-methyl-1-piperazinyl]-3-(4-morpholinylmethyl)- (CA INDEX NAME)

RN

1044709-39-8 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

5-(3,3-dimethyl-1-piperazinyl)-1-(2-ethoxyethyl)-3-(1-piperidinylmethyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-40-1 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3S)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-(1piperidinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-43-4 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-fluorophenyl)-5-(1-piperazinyl)-3-(1-piperidinylmethyl)-1-[2-(2,2,2-piperidinylmethyl)]trifluoroethoxy)ethyll- (CA INDEX NAME)

1044709-44-5 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-[(2,6-dimethyl-1-piperidinyl)methyl]-1-(2-ethoxyethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

- RN 1044709-46-7 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - in-ryrazo10(4,)-0|pyrimidin-/-amine,
    1-(2-ethoxyethyl)-N-(4-fluorophenyl)-5-[(3S)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)- (CA INDEX NAME)

## Absolute stereochemistry.

Me

- RN 1044709-47-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
   N-(4-fluorophenyl)-5-(1-piperazinyl)-3-(1-piperazinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-50-3 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(1-piperaziny1)-3-(1-piperidiny1methy1)-N-4-pyrimidiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-51-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine, N-cyclopropyl-1-(2-ethoxyethyl)-5-(1-piperazinyl)-7-(4-pyrimidinylamino)-(CA INDEX NAME)

RN 1044709-53-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-ethyl-N5-methyl-3-(1-piperidinylmethyl)-N7-4-pyrimidinyl-1-[2-(2,2,2-trifiuoreethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-54-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-(1-piperazinyl)-3-(1-piperidinylmethyl)-N-2-pyridinyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-58-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

RN

1044709-59-2 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

3-[(1,1-dioxido-4-thiomorpholinyl)methyl]-1-(2-ethoxyethyl)-5-(1piperazinyl)-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-61-6 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

1-(2-ethoxyethyl)-5-((3R)-3-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-3-(4-morpholinylmethyl)- (CA INDEX NAME)

RN 1044709-62-7 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

IH-Pyrazolo(4,3-a)pyrimidin-/-amine,
5-(3,3-dimethyl-1-piperazinyl)-3-(1-piperidinylmethyl)-N-4-pyrimidinyl-1[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-65-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-(1-piperidinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 1044709-66-1 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-

3-(1-piperidinylmethyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 1044709-68-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(4-fluorophenyl)-5-[(3S)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

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RN 1044709-69-4 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethy1)-N-(4-fluoropheny1)-5-(1-piperaziny1)-3-(1-piperidiny1methy1)- (CA INDEX NAME)

RN 1044709-72-9 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrim

1H-Pyrazolo(4,3-d)pyrimidin-7-amine,
5=(38)-3-methyl-1-piperazinyl]-3-(1-piperazinylmethyl)-N-4-pyrimidinyl-1[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 1044709-73-0 CAPLUS

CN Cyclohexanol, 4-[[[1-(2-ethoxyethyl)-5-(1-piperazinyl)-7-(4-pyrimidinylamino)-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

866922-33-0P 866922-37-4P 866922-39-6P 866922-41-0P 866922-43-2P 866922-45-4P 866922-48-7P 866922-49-8P 866922-51-2P 866922-52-3P 866922-53-4P 866922-56-7P 866922-59-0P 866922-62-5P 866922-66-9P 866922-70-5P 866922-73-8P 866922-76-1P 866922-81-8P 866922-84-1P 866922-87-4P 866922-89-6P 866922-91-0P 866922-93-2P 866922-94-3P 866922-95-4P 866922-96-5P 866922-97-6P 866922-98-7P 866922-99-8P 866923-00-4P 866923-01-5P 866923-02-6P 866923-03-7P 866923-04-8P 866923-05-9P 866923-06-0P 866923-07-1P 866923-08-2P 866923-09-3P 866923-11-7P 866923-13-9P 866923-15-1P 866923-17-3P 866923-19-5P 866923-21-9P 866923-23-1P 866923-25-3P 866923-27-5P 866923-29-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted pyrazolo[4,3-d]pyrimidines as inhibitors of phosphodiesterase V)

RN 866922-33-0 CAPLUS
RN 866922-33-0 CAPLUS
N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-37-4 CAPLUS

CN Methanesulfonamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-39-6 CAPLUS

CN Methanesulfonamide, N-[[1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

RN 866922-41-0 CAPLUS

CN Acetamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-IH-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-2-hydroxy- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-43-2 CAPLUS

CN Acetamide, N-[[1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-2-hydroxy- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} \\ & \text{N} & \text{CH}_2\text{-}\text{CH}_2\text{-}\text{OEt} \\ & \text{N} & \text{N} & \text{O} \\ & \text{Et-N} & \text{N} & \text{CH}_2\text{-}\text{NH-C-CH}_2\text{-}\text{OH} \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-45-4 CAPLUS

CN Acetamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-48-7 CAPLUS

CN Acetamide, N-[[1-(2-ethoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino)-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

- RN 866922-49-8 CAPLUS
- CN Acetamide, N-[[1-(2-ethoxyethy1)-5-(ethylamino)-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-y1]methy1]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866922-51-2 CAPLUS
- CN Propanamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyrldinyl)amino)-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866922-52-3 CAPLUS
- CN Propanamide, N-[[1-(2-ethoxyethy1)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-53-4 CAPLUS

CN Propanamide, N-[[1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-56-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5,N5-dimethyl-3-[(methylamino)methyl]-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 866922-59-0 CAPLUS

CN Acetamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-N-methyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-62-5 CAPLUS

CN Acetamide, N-[[1-(2-ethoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-N-methyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-66-9 CAPLUS

CN Acetamide, N-[[1-(2-ethoxyethy1)-5-(ethylamino)-7-[(4-methy1-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-N-methyl- (CA INDEX NAME)

RN 866922-70-5 CAPLUS

CN Acetamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-pyrimidinylamino)-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-N-methyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-73-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,N5-dimethyl-3-[(methylamino)methyl]-N7-2-pyrazinyl-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-76-1 CAPLUS

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-81-8 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-[(2R)-2-(methoxymethyl)-1-pyrrolidinyl]methyl]-N5,N5dimethyl-N7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-84-1 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-[[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]methyl]-N5,N5dimethyl-N7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-87-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-3-[((38)-3-methoxy-1-pyrrolidinyl)methyl)-N5,N5-dimethylN7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866922-89-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  1-(2-ethoxyethyl)-3-[([3R)-3-methoxy-1-pyrrolidinyl]methyl]-N5,N5-dimethylN7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866922-91-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5,N5-dimethyl-3-[(1-methylethyl)amino]methyl]-N7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-93-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-3[(propylamino)methyl]-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-94-3 CAPLUS CN 1H-Pvrazolo[4,3-d]pvi

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-3-(1-pyrrolidinylmethyl)-, hydrochloride (1:?) (CA INDEX NAME)

CN

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-95-4 CAPLUS

H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-[(ethylamino)methyl]-N5,N5-dimethyl-N7-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-96-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(5-methyl-2-pyridinyl)-3-(4-morpholinylmethyl)- (CA INDEX NAME)

RN 866922-97-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-[(dimethylamino)methyl]-1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866922-98-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-[[(2-methoxyethyl)amino]methyl]-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866922-99-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
 1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-3-(4-morpholinylmethyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-00-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-[(ethylamino)methyl]-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-, Nydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866923-01-5 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-02-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-[[(2-methoxyethyl)amino]methyl]-N5,N5-dimethyl-N7-4-pyrimidinyl- (CA INDEX NAME)

RN 866923-03-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-[(diethylamino)methyl]-1-(2-ethoxyethyl)-N5,N5-dimethyl-N7-4-pyrimidinyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-04-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-N5,N5-dimethy1-3-[(methylamino)methy1]-N7-4-pyrimidinyl-, hydrochloride (1:?) (CA INDEX NAME)

x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866923-05-9 CAPLUS

CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-[(methylamino)methyl]-7-[(4-methyl-2-pyriddinyl)maino]-H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]-, hydrochloride (1:?) (CA INDEX NAME)

x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866923-06-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5-(2-methoxyethyl)-N5-methyl-3-[(methylamino)methyl]-N7-(4-methyl-2-byridinyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866923-07-1 CAPLUS
- CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-[(methylamino)methyl]-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, hydrochloride (1:7) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 866923-08-2 CAPLUS
- CN Acetamide, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-N-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 866923-09-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-(2-ethoxyethyl)-185,N5-dimethyl-N7-(4-methyl-2-pyridinyl)-3-(1-piperazinylmethyl)-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-11-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(1-piperaziny1)-3-(1-piperaziny1methy1)-N-4-pyrimidiny1-1-[2-(2,2,2-trifluoroethoxy)ethy1]-, 2,2,2-trifluoroacetate (1:3) (CA INDEX NAME)

CM 1

CRN 866923-10-6

CMF C22 H30 F3 N11 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 866923-13-9 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(3R)-3-methyl-1-piperazinyl]-3-(4-morpholinylmethyl)-N-4-pyrimidinyl-1[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 866923-12-8 CMF C23 H31 F3 N10 O2

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 866923-15-1 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-(4-morpholinylmethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:3) (CA INDEX NAME)

CM

CRN 866923-14-0 CMF C22 H29 F3 N10 O2

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 866923-17-3 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5-ethyl-N5-methyl-N7-4-pyrimidinyl-3-(4-thiomorpholinylmethyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (2:3) (CA INDEX NAME)

CM 1

CRN 866923-16-2 CMF C21 H28 F3 N9 O S

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

CN

RN 866923-19-5 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(3R)-3-methyl-1-piperazinyl]-3-(1-piperidinylmethyl)-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 866923-18-4 CMF C24 H33 F3 N10 O

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 866923-23-1 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(3R)-3-methyl-1-piperazinyl]-3-[(4-methyl-1-piperazinyl)methyl]-N-4-

pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroacetate (1:3) (CA INDEX NAME)

CM 1

CRN 866923-22-0 CMF C24 H34 F3 N11 O

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 866923-25-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-(diethylamino)methyl]-N5,N5-diethyl-N7-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, 2,2,2-trifluoroeteate (1:?) (CA INDEX NAME)

CM 1

CRN 866923-24-2 CMF C22 H32 F3 N9 O

CM 2

CRN 76-05-1 CMF C2 H F3 02

RN 866923-27-5 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-[(1,1-dioxido-4-thiomorpholinyl)methyl]-5-[(3R)-3-methyl-1-piperazinyl]N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-,
2,2,2-trifluoroacetate (2:5) (CA INDEX NAME)

CM

CRN 866923-26-4 CMF C23 H31 F3 N10 O3 S

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

866923-29-7 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanamine,

5-(1-piperaziny1)-7-(4-pyrimidiny1amino)-1-[2-(2,2,2-trifluoroethoxy)ethy1]-N-(2,2,2-trifluoroethy1)-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM

CRN 866923-28-6

CMF C20 H24 F6 N10 O

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1

CMF C2 H F3 O2

IT 792968-79-7P 866923-50-4P 866923-51-5P 866923-52-6P 866923-53-7P 866923-54-8P

866923-55-9P 866923-56-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of substituted pyrazolo[4,3-d]pyrimidines as inhibitors of phosphodiesterase V)

RN 792968-79-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-50-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-51-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-pyrimidinylamino)- (CA INDEX NAME)

RN 866923-52-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxaldehyde,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-53-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxaldehyde,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 866923-54-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxaldehyde, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-(4-pyrimidinylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-55-9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl2-pyridinyl)amino]-lH-pyrazolo[4,3-d]pyrimidin-3-yl]methyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 866923-56-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-[[4-[(1,1-dimethylethoxy)carbonyl]-1piperazinyl]methyl]-7-(4-pyrimidinylamino)-1-[2-(2,2,2trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-,
1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:472160 CAPLUS

DOCUMENT NUMBER: 143:26628

TITLE: Preparation of pyrazolopyrimidines as cyclic guanylate

monophosphate-specific phosphodiesterase type 5

INVENTOR(S): Bell, Andrew; Brown, David; Bull, David; Fox, David; Marsh, Ian; Morrell, Andrew; Palmer, Michael; Winslow,

Carol

PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.

SOURCE: PCT Int. Appl., 147 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIND		DATE		APPLICATION NO.						DATE			
WO	WO 2005049617				A1		20050602		WO 2004-IB3791						20041119			
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,	
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,	
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,	
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	
		TJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	
		AZ,	BY,	KG,	ΚZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IS,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	
		SE,	SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	
		ΝE,	SN,															
								CA 2004-2545196										
								EP 2004-798915					20041119					
EP	1689752			B1		2008	0227											
	R:										IT,				SE,	MC,	PT,	
											HU,							
BR 2004016678				A 20070213				BR 2004-16678						20041119				
									JP 2006-540655									
					T 20080315 AT 200													
									ES 2004-798915									
									MX 2006-PA5824									
US 20070105877				A1		2007	0510											
ORITY APPLN. INFO.:											003-				A 2			
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ER SO	URCE	(S):			CAS	REAC	T 14	3:26	628;	MAR	PAT	143:	2662	8				

AB The title compds. I [R] = (un)substituted cycloalkyl, etc.; R2 = H, alkyl; R3, R4 = (un)substituted alkyl, alkenyl, etc.; R5 = YCONR15R16; Y = alkylenyl, etc.; R15, R16 = H, (un)substituted alkyl, etc.; R6, which may be attached at N1 or N2, is (un)substituted alkyl, alkenyl, etc.] are prepared Thus, 1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-5- (pyrrolidin-1-yl)-3-(pyrrolidin-1-carbonyl)-1H-pyrazolo[4,3-d]pyrimidine was prepared from Me 5-chloro-1-(2-ethoxyethyl)-7-(4-methylpyridin-2-ylamino)-1H-pyrazolo[4,3-d]pyrimidine-3-carboxylate and pyrrolidine. Compds of this invention in vitro showed ICSO values of 0.02 nMt oz 2,95 nM against cyclic guanylate monophosphate-specific phosphodiesterase type

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852873-38-2P 852873-39-3P 852873-40-6P
852873-41-7P 852873-42-8P 852873-43-9P
852873-44-0P 852873-45-1P 852873-46-2P
852873-47-3P 852873-48-4P 852873-49-5P
852873-50-8P 852873-51-9P 852873-52-0P
852873-53-1P 852873-54-2P 852873-55-3P
852873-56-4P 852873-57-5P 852873-58-6P
852873-59-7P 852873-60-0P 852873-61-1P
852873-62-2P 852873-63-3P 852873-64-4P
852873-65-5P 852873-66-6P 852873-67-7P
852873-68-8P 852873-69-9P 852873-70-2P
852873-71-3P 852873-72-4P 852873-73-5P
852873-74-6P 852873-75-7P 852873-76-8P
852873-77-9P 852873-78-0P 852873-79-1P
852873-80-4P 852873-81-5P 852873-82-6P
852873-83-7P 852873-84-8P 852873-85-9P
852873-86-0P 852873-87-1P 852873-88-2P
852873-89-3P 852873-90-6P 852873-91-7P
852873-92-8P 852873-93-9P 852873-94-0P
852873-96-2P 852873-97-3P 852873-98-4P
852873-99-5P 852874-00-1P 852874-01-2P
852874-02-3P 852874-03-4P 852874-04-5P
852874-05-6P 852874-06-7P 852874-07-8P
852874-08-9P 852874-09-0P 852874-10-3P
852874-11-4P 852874-12-5P 852874-13-6P
852874-14-7P 852874-15-8P 852874-16-9P
852874-17-0P 852874-18-1P 852874-19-2P
852874-20-5P 852874-21-6P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (USES)

(preparation of pyrazolopyrimidines as cyclic guanylate monophosphate-specific phosphodiesterase type 5 inhibitors)

- RN 852873-38-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-ethyl-5-(ethylamino)-7-(2-pyridinylamino)- (CA INDEX NAME)

- RN 852873-39-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

N-methyl-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-(2-propoxyethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 852873-40-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-N-methy1-5-(methylamino)-7-[(4-methy1-2-pyridiny1)amino]-(CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \\ \text{CH}_2-\text{CH}_2-\text{OEt} \\ \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{O} \end{array}$$

RN 852873-41-7 CAPLUS

CN Methanone, [1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-5-(1-pyrrolidinyl)-1H-pyrazolo[4,3-d]pyrimidin-3-yl]-1-pyrrolidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-42-8 CAPLUS

RN 852873-43-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-[2-(dimethylamino)=6thyl]-1-(2-ethoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA 1NDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-44-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-4piperidinyl- (CA INDEX NAME)

RN 852873-45-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-ethyl-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-46-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 852873-47-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-(ethylamino)-N-[2-(methylamino)ethyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-48-4 CAPLUS

CN NH-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-[2-(dimethylamino]-othyl]-1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 852873-49-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-(ethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-4-piperidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-50-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

 $N-(2-aminoethyl)-1-(2-ethoxyethyl)-5-[(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-\\ (CA INDEX NAME)$ 

RN 852873-51-9 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-N-methyl-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-52-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

N-(2-aminoethy1)-5-(dimethy1amino)-1-(2-ethoxyethy1)-7-[(4-methy1-2-pyridiny1)amino]- (CA INDEX NAME)

RN 852873-53-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-1-(2-ethoxyethyl)-N-[2-(methylamino)ethyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA 1NDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-54-2 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxamide,
5-(dimethylamino)-N-[2-(dimethylamino)+thyl]-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 852873-55-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-N-4piperidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-56-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 852873-57-5 CAPLUS

CN Glycine, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]carbonyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-58-6 CAPLUS

CN L-Alanine, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 852873-59-7 CAPLUS

CN D-Alanine, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-60-0 CAPLUS

CN β-Alanine, N-[[5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]carbonyl]- (CA INDEX NAME)

RN 852873-61-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-62-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{C-NH-CH}_2-\text{CH}_2-\text{NH}_2 \\ \text{O} \\ \end{array}$$

RN 852873-63-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethy1)-N-methy1-5-[methy1(1-methy1-4-piperidiny1)amino]-7-[(4-methy1-2-pyridiny1)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-64-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N,1-dimethyl-7-[(4-methyl-2-pyridinyl)amino]-5-(1-piperazinyl)- (CA INDEX NAME)

RN 852873-65-5 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, CN N, N, 1-trimethyl-5-[(3R)-3-methyl-1-piperazinyl]-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-66-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-N-methy1-7-[(4-methy1-2-pyridiny1)amino]-5-(1piperazinyl) - (CA INDEX NAME)

RN 852873-67-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-M-methyl-5-((3R)-3-methyl-1-piperazinyl)-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-68-8 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N,N-dimethyl-5-(13R)-3-methyl-1-piperazinyl]-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

Absolute stereochemistry.

RN 852873-69-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-N-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-70-2 CAPLUS

NAME)

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N,1-dimethyl-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX

Page 407

RN 852873-71-3 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(ethylamino)-1-methyl-7-[(4-methyl-2-pyridinyl)amino]-N-4-piperidinyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

852873-72-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-methyl-5-[(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N-4piperidinyl- (CA INDEX NAME)

RN 852873-73-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-N,1-dimethyl-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-74-6 CAPLUS

CN 1H-Pyrazolo (4,3-d)pyrimidine-3-carboxamide, 5-(dimethylamino)-N-[2-(dimethylamino)ethyl]-1-methyl-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,$  852873-75-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

In-ryrazolo (4,3-d)pyrimidine-3-carboxamide, 5-(dimethylamino)-1-methyl-7-[(4-methyl-2-pyridinyl)amino]-N-[2-(1-pyrrolidinyl)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-76-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-methyl-7-[(4-methyl-2-pyridinyl)amino]-N-4-piperidinyl-(CA INDEX NAME)

RN 852873-77-9 CAPLUS

CN NH-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-1-methyl-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-78-0 CAPLUS

RN 852873-79-1 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(dimethylamino)-1-methyl-N-(1-methyl-4-piperidinyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 852873-80-4 CAPLUS

CN Methanone, [1-(2-ethoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]-1-piperazinyl- (CA INDEX NAME)

RN 852873-81-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-methoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-82-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-1-(2-ethoxyethyl)-M-(2-methoxyethyl)-7-(4-pyrimiddinylamino)- (CA INDEX NAME)

RN 852873-83-7 CAPLUS CN 1H-Pvrazolo[4,3-d]pvr

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-ethyl-5-(ethylamino)-7-[(5-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-84-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-ethyl-5-(ethylamino)-7-(2-pyrazinylamino)- (CA INDEX NAME)

RN 852873-85-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-7-(ethylamino)-N-(2-methoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-86-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-5-(diethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA 1NDEX NAME)

RN 852873-87-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-(ethylamino)-N-methyl-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-88-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)-N-[2-(methylamino) ethyl]- (CA INDEX NAME)

- RN 852873-89-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethy)-5-(ethylamino)-N-[2-(methylamino)ethyl]- (CA INDEX NAME)

- RN 852873-90-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-5-(ethylmethylamino)-N-[2-(methylamino) ethyl)- (CA INDEX NAME)

- RN 852873-91-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-N-ethyl-5-(1-piperazinyl)- (CA INDEX NAME)

- RN 852873-92-8 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-methyl-N-(1-methylethyl)-5-[methyl(1-methylethyl) amino]-7-((4-methyl-2-pyridinyl) amino]- (CA INDEX NAME)

- ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
- RN 852873-93-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-(2-methoxyethyl)-5-(methylamino)-7-[(4-methyl-2-pyridinyl)-mino]- (CA 1DDEX NAME)

RN 852873-94-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(dimethylamino)-N-[2-(dimethylamino)ethyl]-1-(1-methylethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-96-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-hydroxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA 1NDEX NAME)

RN 852873-97-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-[2-(dimethylamino)ethyl]-5-(ethylamino)-1-(1-methylethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA 1DDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852873-98-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-7-[ethylamio]-N-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 852873-99-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-[(2-hydroxyethyl)methylamino]-N-methyl-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852874-00-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-[(2-methoxyethyl)amino]-N-methyl-7-[(4-methyl-2-pyridinyl)amino]- (CA 1DDEX NAME)

RN 852874-01-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-[(2-methoxyethyl)methylamino]-N-methyl-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 852874-02-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-[(methylamino)carbonyl]-1-(2-methylpropyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimtshylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 852874-03-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-5-(dimethylamino)-N-[2-(dimethylamino)ethyl]-1-(2-ethoxyethyl)- (CA INDEX NAME)

RN 852874-04-5 CAPLUS

CN 1R-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-N-[2-(dimethylamino)ethyl]-1-(2-ethoxyethyl)-5-(ethylamino)- (CA INDEX NAME)

RN 852874-05-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
7-(cyclopentylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)-N-methyl- (CA
INDEX NAME)

RN 852874-06-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-N-methyl-5-[methyl(1-methyl-4-piperidinyl)amino]- (CA INDEX NAME)

- RN 852874-07-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)-N-(2-methoxyethyl)- (CA INDEX NAME)

- RN 852874-08-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
  7-(cyclohexylamino)-1-(2-ethoxyethyl)-N-methyl-5-[3-(methylamino)-1-azetidinyl]- (CA INDEX NAME)

- RN 852874-09-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclohexylamino)-1-(2-ethoxyethyl)-N-methyl-5-[(3R)-3-methyl-1-piperazinyl)- (CA INDEX NAME)

Absolute stereochemistry.

- RN 852874-10-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
  7-(cyclohexylamino)-1-(2-ethoxyethyl)-N-methyl-5-[methyl[(3S)-1-methyl-3pyrrolidinyl]aminol- (CA INDEX NAME)

## Absolute stereochemistry.

- RN 852874-11-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-N-methyl-5-[methyl[(3S)-1-methyl-3-pyrrolidinyl]amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

## Absolute stereochemistry.

- RN 852874-12-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-M-methyl-7-[(4-methyl-2-pyridinyl)amino]-5-[[(3S)-1-methyl-3-pyrrolidinyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 852874-13-6 CAPLUS
- CN
- 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)-N-4-piperidinyl-(CA INDEX NAME)

RN 852874-14-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-5-(ethylamino)-N-4-piperidinyl-(CA INDEX NAME)

RN 852874-15-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-7-(cyclopentylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)-(CA INDEX NAME)

RN 852874-16-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-7-(cyclopentylamino)-1-(2-ethoxyethyl)-5-(ethylamino)-

## (CA INDEX NAME)

- RN 852874-17-0 CAPLUS

- RN 852874-18-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-(2-aminoethyl)-7-(cyclopentylamino)-5-(diethylamino)-1-(2-ethoxyethyl)-(CA INDEX NAME)

- RN 852874-19-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
  7-(cyclopentylamino)-1-(2-ethoxyethyl)-N-methyl-5-(1-piperazinyl)- (CA
  INDEX NAME)

- RN 852874-20-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-N-(2-methoxyethyl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 852874-21-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, N-methyl-1-(2-methylpropyl)-7-[(4-methyl-2-pyridinyl)amino]-5-(1-piperazinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ACCESSION NUMBER: 2005:472159 CAPLUS

DOCUMENT NUMBER: 143:26627

TITLE: Preparation of 5,7-diaminopyrazolo[4,3-d]pyrimidines with phosphodiesterase-5 (PDE5) inhibiting activity

INVENTOR(S): Bell, Andrew Simon; Brown, David Graham; Dack, Kevin Neil; Fox, David Nathan Abraham; Marsh, Ian Roger; Morrell, Andrew Ian; Palmer, Michael John; Winslow.

Carol Ann

PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.

SOURCE: PCT Int. Appl., 282 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	PATENT NO.					KIND		DATE		APPLICATION NO.								
WO	WO 2005049616															20041112		
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										KR	2006	-7101	52		A3 2	0060	524	
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OTHER SOURCE(S):

MARPAT 143:26627

- AB Title compds. [I R R = (substituted) cyclic group; R2 = H, alkyl; R3, R4 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl; R5 = YCO2R15, YR16; R6 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, etc.; Y = bond, CH2OCH2, alkylene, cycloalkylene; R15 = H, (substituted) alkyl; R16 = tetracolyl, trifluoromethyltriazolyl, methylsulfonyltriazolyl, etc.; dotted lines = double bonds to form an aromatic ring], were prepared Thus, title compound (II) (preparation given) inhibited PDE-5 with IC50 = 0.075 nM. IT 853003-28-8P 853003-29-9P 853003-30-2P
- 853003-20-0F 853003-29-9F 853003-30-2F 853003-31-3P 853003-32-4P 853003-33-5P
  - 853003-34-6P 853003-35-7P 853003-36-8P 853003-37-9P 853003-40-4P 853003-41-5P
  - 853003-42-6P 853003-43-7P 853003-44-8P
  - 853003-45-9P 853003-46-0P 853003-47-1P
  - 853003-48-2P 853003-49-3P 853003-50-6P 853003-51-7P 853003-52-8P 853003-53-9P
  - 853003-54-0P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(claimed compound; preparation of diaminopyrazolopyrimidines with phosphodiesterase-5 inhibiting activity)

- RN 853003-28-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 853003-29-9 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-30-2 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-, ethyl ester (CA INDEX NAME)

RN 853003-31-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-([4-methyl-2-pyridinyl)amino]-, 2-(dimethylamino)ethyl seter (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-32-4 CAPLUS

RN 853003-33-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-1-(2-pyropyrethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-34-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(4,6-dimethyl-2-pyridinyl)amino]-1(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

RN 853003-35-7 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

5-(cyclobutylmethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853003-36-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 1-(2-ethoxyethyl)-5-[(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

RN 853003-37-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[(2-methoxy-4-pyrimidinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-40-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(4-fluoro-3-methylphenyl)amino]-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853003-41-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-(OA INDEX NAME)

- RN 853003-42-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(3,4-dimethylphenyl)amino]-1-(2-ethoxyethyl)-5-(ethylmethylamino)- (CA INDEX NAME)

RN 853003-43-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(cyclopropylmethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853003-44-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(cyclopropylmethoxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853003-45-9 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-46-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-[2-(1-methylethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853003-47-1 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimid

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-7-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-48-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

 $1-(2-\text{ethoxyethy1})-5-(\text{ethylmethylamino})-7-[(4-\text{methyl-2-pyridinyl})\,\text{amino}]-N-(\text{methylsulfonyl})- (CA INDEX NAME)$ 

$$\begin{array}{c|c} & \text{Me} \\ & \text{N} & \text{CH}_2\text{-CH}_2\text{-OEt} \\ & \text{N} & \text{N} & \text{O} \\ & \text{Et-N} & \text{N} & \text{C-NH-S-Me} \\ & \text{Me} & \text{O} & \text{O} \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,$  853003-49-3  $\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(ethylmethylamino)-1-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-50-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-[2-(3-fluoropropoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,$  853003-51-7  $\,\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino)-1-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-52-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(diethylamino)-1[2-(2,2-difluoroethoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

RN 853003-53-9 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxamide, 1-[2-(2,2-difluoroethoxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853003-54-0 CAPLUS

CN 1H-Pyrazolo [4,3-d]pyrimidine-3-carboxamide, 1-[2-(2,2-diffluoroethoxy)ethyl]-5-[methyl (1-methylethyl) amino]-7-[(4-methyl-2-pyridinyl) amino]-N-(methylsulfonyl)- (CA INDEX NAME)

IT 853004-42-9P 853004-52-1P 853004-53-2P

853004-60-1P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of diaminopyrazolopyrimidines with phosphodiesterase-5 inhibiting activity)

RN 853004-42-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-(2-ethoxyethy1)-5-(ethy1methy1amino)-7-[(4-fluoro-3-methy1pheny1)amino]-, methy1 ester (CA INDEX NAME)

RN 853004-52-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

RN 853004-53-2 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

I H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl](1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853004-60-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dlethylamino)-1-(2-ethoxyethyl)-7-[(4-fluoro-3-methylphenyl)amino]-, methyl ester (CA INDEX NAME)

853005-71-7P 853005-72-8P 853005-73-9P 853005-74-0P 853005-75-1P 853005-76-2P 853005-77-3P 853005-78-4P 853005-79-5P 853005-80-8P 853005-81-9P 853005-82-0P 853005-83-1P 853005-84-2P 853005-85-3P 853005-86-4P 853005-87-5P 853005-88-6P 853005-89-7P 853005-90-0P 853005-91-1P 853005-92-2P 853005-93-3P 853005-94-4P 853005-95-5P 853005-96-6P 853005-97-7P 853005-98-8P 853005-99-9P 853006-00-5P 853006-01-6P 853006-02-7P 853006-03-8P 853006-04-9P 853006-05-0P 853006-06-1P 853006-07-2P 853006-08-3P 853006-09-4P 853006-10-7P 853006-11-8P 853006-12-9P 853006-13-0P 853006-14-1P 853006-15-2P 853006-16-3P 853006-17-4P 853006-18-5P 853006-19-6P 853006-20-9P 853006-22-1P 853006-23-2P 853006-24-3P 853006-25-4P 853006-26-5P 853006-27-6P 853006-28-7P 853006-29-8P 853006-30-1P 853006-31-2P 853006-32-3P 853006-33-4P 853006-38-9P 853006-39-0P 853006-40-3P 853006-41-4P 853006-42-5P 853006-43-6P 853006-44-7P 853006-45-8P 853006-46-9P 853006-47-0P 853006-48-1P 853006-49-2P 853006-50-5P 853006-51-6P 853006-52-7P 853006-53-8P 853006-54-9P 853006-55-0P 853006-56-1P 853006-57-2P 853006-58-3P 853006-59-4P 853006-60-7P 853006-61-8P 853006-62-9P 853006-64-1P 853006-65-2P 853006-66-3P 853006-67-4P 853006-68-5P 853006-69-6P 853006-70-9P 853006-71-0P 853006-72-1P 853006-73-2P 853006-74-3P 853006-75-4P 853006-76-5P 853006-78-7P 853006-79-8P 853006-82-3P 853006-83-4P 853006-87-8P 853006-90-3P 853006-93-6P 853006-96-9P 853006-99-2P 853007-01-9P 853007-04-2P 853007-06-4P 853007-08-6P 853007-11-1P

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853007-13-3P 853007-16-6P 853007-18-8P
853007-20-2P 853007-22-4P 853007-24-6P
853007-25-7P 853007-26-8P 853007-27-9P
853007-28-0P 853007-29-1P 853007-30-4P
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853007-34-8P 853007-35-9P 853007-36-0P
853007-37-1P 853007-38-2P 853007-39-3P
853007-40-6P 853007-41-7P 853007-42-8P
853007-43-9P 853007-44-0P 853007-45-1P
853007-46-2P 853007-47-3P 853007-49-5P
853007-50-8P 853007-51-9P 853007-52-0P
853007-53-1P 853007-54-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (preparation of diaminopyrazolopyrimidines with phosphodiesterase-5
   inhibiting activity)
853005-71-7 CAPLUS
1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl]-7-[(4-methyl-2-
pyridinyl)aminol-, methyl ester (CA INDEX NAME)
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# Absolute stereochemistry.

RN 853005-72-8 CAPLUS
CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid,
5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-,
methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-73-9 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-(2-ethoxyethyl)-5-[(3R)-3-methyl-1-piperazinyl)-7-[(4-methyl-2-pyridinyl)amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-74-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, ethyl ester (CA INDEX NAME)

RN 853005-75-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-76-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[(3S)-3-methoxy-1-pyrrolidinyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.

RN 853005-77-3 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[(3R)-3-methoxy-1-pyrrolidinyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-78-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853005-79-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(2-methylpropyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-80-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
1-(2-ethoxyethyl)-5-[(2-methoxyethyl)methylamino]-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853005-81-9 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(cyclopentylmethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-82-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-(2-propoxyethyl)-(CA INDEX NAME)

RN 853005-83-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(4-methyl-2-pyridinyl)amino]-1-(2-propoxyethyl)-5-(1-pyrrolidinyl)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-84-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-methoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853005-85-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-86-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853005-87-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(5-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853005-88-6 CAPLUS
- CN
  - 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-7-[(4,6-dimethyl-2-pyridinyl)amino]-1-(2-ethoxyethyl)-(CA INDEX NAME)

RN 853005-89-7 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(4-pyrimidinylamino)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-90-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(2-pyrazinylamino)-(CA INDEX NAME)

RN 853005-91-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-(methylpropylamino)- (CA INDEX NAME)

RN 853005-92-2 CAPLUS

CN lH-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclopentylamino)-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-(CA INDEX NAME)

- RN 853005-93-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclobutylamino)-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853005-94-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclobutylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)- (CA INDEX NAME)

- RN 853005-95-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclopropylamino)-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-(CA INDEX NAME)

- RN 853005-96-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclopropylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)- (CA INDEX NAME)

- RN 853005-97-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(4-ethyl-2-pyridinyl)amino]-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853005-98-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-ethyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853005-99-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[(6-methy1-2-pyridiny1)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-00-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(6-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853006-01-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

7-[(4,5-dimethyl-2-pyridinyl)amino]-1-(2-ethoxyethyl)-5-(ethylmethylamino)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-02-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

 $5-(\texttt{dimethylamino})-7-[(4,5-\texttt{dimethyl}-2-\texttt{pyridinyl})\,\texttt{amino}]-1-(2-\texttt{ethoxyethyl})-(CA \ \texttt{INDEX} \ \texttt{NAME})$ 

RN 853006-03-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-5-(dimethylamino)-1-(2-ethoxyethyl)- (CA INDEX NAME)

RN 853006-04-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-(ethylmethylamino)- (CA INDEX NAME)

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- RN 853006-05-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-(1-pyrrolidinyl)- (CA INDEX NAME)

- RN 853006-06-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-(ethylamino)- (CA INDEX NAME)

- RN 853006-07-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA
  INDEX NAME)

RN 853006-08-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-5-(diethylamino)-1-(2-ethoxyethyl)- (CA INDEX NAME)

RN 853006-09-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-(cyclohexylamino)-1-(2-ethoxyethyl)-5-(methylamino)- (CA INDEX NAME)

RN 853006-10-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-[(cyclopropylmethyl)propylamino]-1-(2-ethoxyethyl)-7-[(4-methyl-2-

## pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853006-11-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylpropyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-12-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[ethyl(2-methoxyethyl)amino]-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853006-13-0 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-14-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethy1)-5-[(15)-1-methylpropy1]amino]-7-[(4-methy1-2-pyridiny1)amino]- (CA 1NDEN NAME)

Absolute stereochemistry.

- RN 853006-15-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 1-(2-ethoxyethyl)-5-[[(1R)-1-methylpropyl]amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-16-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(dimethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[(tetrahydro-2H-pyran-4-yl)methyl]- (CA INDEX NAME)

- RN 853006-17-4 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[(tetrahydro-2H-pyran-4-yl)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-18-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(dimethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[(tetrahydro-2H-pyran-2-yl)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-19-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[(tetrahydro-2H-pyran-2-yl)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853006-20-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-[2-(1-methylethoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-22-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-[2-(1-methylethoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853006-23-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylamino)-1-[2-(1-methylethoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-24-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

5-(dimethylamino)-1-[(2R)-2-methoxypropyl]-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

Absolute stereochemistry.

- RN 853006-25-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-[(2R)-2-methoxypropyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-26-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
- 5-(diethylamino)-1-[(2R)-2-methoxypropyl]-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

Absolute stereochemistry.

RN 853006-27-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[[(3R)-tetrahydro-3-furanyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

RN 853006-28-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-(2-ethoxyethyl)-7-[[(3R)-tetrahydro-3-furanyl]amino]-(CA INDEX NAME)

Absolute stereochemistry.

RN 853006-29-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(cyclobutylmethylamino)-1-(2-ethoxyethyl)-7-[[(3R)-tetrahydro-3-furanyl]amino] - (CA INDEX NAME)

Absolute stereochemistry.

RN 853006-30-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(2-methoxy-4-pyrimidinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-31-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(2-methyl-4-pyrimidinyl)amino]- (CA INDEX NAME)

- RN 853006-32-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(2-methyl-4-pyrimidinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-33-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 7-[(2,6-dimethyl-4-pyrimidinyl)amino]-1-(2-ethoxyethyl)-5-(ethylmethylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-38-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
- 1-(2-ethoxyethy1)-7-[(5-fluoro-2-pyridiny1)amino]-5-[methy1(1-methylethy1)amino]- (CA INDEX NAME)

853006-39-0 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(tetrahydro-2H-pyran-4-yl)amino]-(CA INDEX NAME)

853006-40-3 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethy1)-5-[methy1(1-methy1ethy1)amino]-7-[(tetrahydro-2H-pyran-4yl)amino]- (CA INDEX NAME)

RN 853006-41-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(6-methoxy-2-pyridinyl)amino]-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-42-5 CAPLUS

No. 1H-Fyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-(diethylamino)-1-(2-ethoxyethyl)-7-[(4-fluoro-3-methylphenyl)amino](CA INDEX NAME)

RN 853006-43-6 CAPLUS CN 1H-Pyrazolo[4,3-d]p

1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid,
1-(2-ethoxyethyl)-7-[(3-fluorophenyl)amino]-5-[methyl(1-methylethyl)amino](CA INDEX NAME)

RN 853006-44-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,4-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853006-45-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(3,4-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853006-46-9 CAPLUS
- CN 1H-Pyrazolo (4,3-d)pyrimidine-3-carboxylic acid, 7-[(3,5-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853006-47-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,5-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853006-48-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,3-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]- (CA INDEX NAME)

- RN 853006-49-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(3-methylphenyl)amino]-(CA INDEX NAME)

- RN 853006-50-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(phenylamino)- (CA INDEX NAME)

- RN 853006-51-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

RN 853006-52-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(6-ethyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-53-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(6-ethyl-2-pyridinyl)amino]- (CA INDEX NAME)

RN 853006-54-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(6-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-55-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(2-fluoro-5-methylphenyl)amino]-(CA INDEX NAME)

- RN 853006-56-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(2-fluoro-5-methylphenyl)amino]-(CA INDEX NAME)

- RN 853006-57-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-7-[(3,4-dimethylphenyl)amino]-1-(2-ethoxyethyl)- (CA INDEX NAME)

RN 853006-58-3 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(2-fluorophenyl)amino]-5-[methyl(1-methylethyl)amino]-(CA INDEX NAME)

RN 853006-59-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(2-pyridinylamino)-(CA INDEX NAME)

RN 853006-60-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(2-methoxyethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA 1DDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-61-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(3-methoxybutyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

RN 853006-62-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[(2R)-2-methoxypropyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-64-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(dimethylamino)-1-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-N(methylsulfonyl)- (CA INDEX NAME)

RN 853006-65-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(3-methylphenyl)amino]- (CA INDEX NAME)

RN 853006-66-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

RN 853006-67-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(6-methyl-4-pyrimidinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-68-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[[4-(hydroxymethyl)-2pyridinyl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853006-69-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(cyclobutyloxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-70-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(6-methyl-4-pyrimidinyl)amino]- (CA INDEX NAME)

RN 853006-71-0 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(cyclobutyloxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-72-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

5-(diethylamino)-7-[(1,6-dihydro-1-methyl-6-oxo-3-pyridinyl)amino]-1-(2ethoxyethyl) - (CA INDEX NAME)

RN 853006-73-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-74-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-(ethylmethylamino)-7-((4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,$  853006-75-4  $\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-76-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(4-methyl-2-pyridinyl)amino]-5-(2-methyl-1-pyrrolidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 853006-78-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-(cyclobutylmethylamino)-7-[4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxylethyl] (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-79-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA INDEX NAME)

RN 853006-82-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

5-[methyl(1-methylethyl)amino]-1-(2-propoxyethyl)-7-(2-pyridinylamino)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853006-83-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA INDEX NAME)

- RN 853006-87-8 CAPLUS
- CN lH-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-5-(1-pyrrolidinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-90-3 CAPLUS
- CN 1H-Pyrazolo [4,3-d]pyrimidine-3-carboxylic acid, 1-[(23)-2-methoxypropyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino] (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853006-93-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
  - 5-(ethylmethylamino)-7-[(3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

- RN 853006-96-9 CAPLUS
- CN lH-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

- RN 853006-99-2 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 5-[methyl(1-methylethyl)amino]-7-[(3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 853007-01-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(4-fluoro-3-methylphenyl)amino]-5-[methyl(1-methylethyl)amino]-1-[2-(2,2,2-trifluorechtoxylethyl]- (CA INDEX NAME)

RN 853007-04-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3-trifluoropropoxy)ethyl]- (CA INDEX NAME)

RN 853007-06-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3-trifluoropropoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-08-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3triflucropropoxylethyl] (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,$  853007-11-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-13-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(3-fluoropropoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,$  853007-16-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-(diethylamino)-[-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853007-18-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, 2-(dimethylamino)ethyl ester (CA INDEX NAME)

RN 853007-20-2 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[(3-methylphenyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

RN 853007-22-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimiddine-3-carboxamide, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(6-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

RN 853007-24-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 1-(2-ethoxyethy)-5-(methylpropylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-25-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853007-26-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethyl)-5-[(2-methoxyethyl)methylamino]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-27-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[[4-(hydroxymethy1)-2-pyridiny1]amino]-N-(methylsulfony1)- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CH}_2\text{-OH} \\ \\ \text{N} \\ \text{CH}_2\text{-CH}_2\text{-OEt} \\ \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{O} \\ \text{O} \\ \\ \text{O} \\ \text{O} \\ \end{array}$$

RN 853007-28-0 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(dimethylamino)-1-(2-ethoxyethyl)-N-(ethylsulfonyl)-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-29-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-5-(ethylmethylamino)-N-(ethylsulfony1)-7-[(4-methy1-2pyridinyl)amino]- (CA INDEX NAME)

RN 853007-30-4 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino)-1-(2-ethoxyethyl)-N-(ethylsulfonyl)-7-[(4-methyl-2pyridinyl)amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-31-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

1-(2-ethoxyethy1)-5-(ethylmethylamino)-7-[(6-methyl-4-pyrimidinyl)amino]-N-(methylsulfonyl) - (CA INDEX NAME)

RN 853007-32-6 CAPLUS CN

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino)-1-(2-ethoxyethyl)-7-[(6-methyl-4-pyrimidinyl)amino]-N-(methylsulfonyl) - (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-33-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(ethylmethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-N-(methylsulfonyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 853007-34-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-N-(methylsulfonyl)-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

RN 853007-35-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(ethylmethylamino)-7-[(3-methylphenyl)lamino]-N-(methylsulfonyl)-1-[2(2,2,2-trifluorethoxylethyl]- (CA INDEX NAME)

- RN 853007-36-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(ethylamethylamino)-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

- RN 853007-37-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
  - 1-[2-(cyclobutyloxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853007-38-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
1-[2-(cyclobutyloxy)-thyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-39-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(ethylmethylamino)-N-(methylsulfonyl)-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA 1NDEX NAME)

$$\begin{array}{c|c} & & & \\ & N & & CH_2-CH_2-OPr-n \\ & N & & N & \\ Et-N & N & & C-NH-S-Me \\ & Me & & O & O \\ \end{array}$$

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,$  853007-40-6  $\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(ethylmethylamino)-N-(ethylsulfonyl)-1-(2-propoxyethyl)-7-(2-pyridinylamino) (OA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853007-41-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-[methyl(1-methylethyl)amino]-N-(methylsulfonyl)-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA INDEX NAME)

RN 853007-42-8 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
N-(ethylsulfonyl)-5-[methyl(1-methylethyl)amino]-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-43-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(diethylamino)-N-(methylsulfonyl)-1-(2-propoxyethyl)-7-(2-pyridinylamino)- (CA INDEX NAME)

RN 853007-44-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(diethylamino)-N-(ethylsulfonyl)-1-(2-propoxyethyl)-7-(2-pyridinylamino)(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-45-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1(2-pyropxyethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} \\ & \text{N} & \text{CH}_2\text{-CH}_2\text{-OPr-n} \\ & \text{N} & \text{N} & \text{O} \\ & \text{Et-N} & \text{N} & \text{C-NH-S-Me} \\ & \text{Me} & \text{O} & \text{O} \end{array}$$

RN 853007-46-2 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1-[2-(3,3,3-trifluoropropoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-47-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1-[2-(3,3,3-trifluoropropoxy)ethyl]- (CA INDEX NAME)

RN 853007-49-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(diethylamino]-7-[(4-methyl-2-pyridinyl)-mino]-N-(methylsulfonyl)-1-[2-(3,3,3-trifluoropropoxylethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-50-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,

 $\begin{tabular}{ll} 5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-& (CA INDEX NAME) \end{tabular}$ 

RN 853007-51-9 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1 H-Pyrazolo(4,3-d)pyrimidine-3-carboxamide,
5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N(methylsulfonyl)-1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-52-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide,
5-(diethylamino)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1-(2-pyropoyyethyl)- (CA INDEX NAME)

RN 853007-53-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)-1-(2-pypoxyethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853007-54-2 CAPLUS CN 1H-Pyrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxamide, 5-(ethylmethylamino)-1-(2-hydroxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-N-(methylsulfonyl)- (CA INDEX NAME)

1-[2-(cyclopropylmethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,853004{-}36{-}1\,\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[(2R)-2-methoxypropyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853004-38-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(1-methylethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853004-39-4 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, CN

1-(3-methoxybuty1)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853004-40-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethy1)-7-[(5-fluoro-2-pyridiny1)amino]-5-[methy1(1-methylethy1)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,\,853004{-}41{-}8\,\,$  CAPLUS

RN 853004-43-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(6-methoxy-2-pyridinyl)amino]-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

RN 853004-44-1 CAPLUS CN 1H-Pvrazolo[4,3-d]p

I H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(phenylamino)-, methyl ester (CA INDEX NAME)

RN 853004-45-2 CAPLUS CN 1H-Pyrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(3-methylphenyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-46-3 CAPLUS
- CN 1H-Pyrazolo [4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(3-fluorophenyl)amino]-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-47-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,4-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-48-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-[(tetrahydro-2H-pyran-4-yl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-49-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(tetrahydro-2H-pyran-4-yl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-50-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(2-methoxyethoxylethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

RN 853004-51-0 CAPLUS CN 1H-Pvrazolo[4,3-d]pvri

2N 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(6-ethyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853004-54-3 CAPLUS

RN 853004-55-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-7-(2-pyridinylamino)-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853004-56-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(3,4-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-57-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(3,5-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-58-7 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,5-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-59-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(2,3-difluorophenyl)amino]-1-(2-ethoxyethyl)-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-61-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(2-fluoro-5-methylphenyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-62-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(2-fluoro-5-methylphenyl)amino]-, methyl ester (CA INDEX NAME)

- RN 853004-63-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(dimethylamino)-7-[(3,4-dimethylphenyl)amino]-1-(2-ethoxyethyl)-, methyl ester (CA INDEX NAME)

RN 853004-64-5 CAPLUS CN 1H-Pvrazolo(4,3-d)p

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 7-[(3,4-dimethylphenyl)amino]-1-(2-ethoxyethyl)-5-(ethylmethylamino)-, methyl ester (CA INDEX NAME)

RN 853004-65-6 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethy))-7-[(2-fluorophenyl)amino]-5-[methyl(1-methylethyl)amino]-, methyl ester (CA INDEX NAME)

CN

RN 853004-66-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(cyclopropylmethoxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 853005-51-3 CAPLUS
- CN
  - 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-(2-propoxyethyl)-7-(2-pyridinylamino)-, methyl ester (CA INDEX NAME)

RN 853005-52-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-(2-propoxyethyl)-7-(2-pyridinylamino)-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-53-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-[methyl(1-methyl)amino]-1-(2-propoxyethyl)-7-(2-pyridinylamino)-, methyl ester (CA INDEX NAME)

RN 853005-54-6 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,

1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, methyl ester (CA INDEX NAME)

RN 853005-55-7 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, methyl ester (CA INDEX NAME)

- RN 853005-56-8 CAPLUS
- CN 1H-Pyrazolo(4,3-d]pyrimidine-3-carboxylic acid, 5-[methyl(1-methylethyl)amino]-7-[(3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, methyl ester (CA INDEX NAME)

- RN 853005-57-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-7-[(4-fluoro-3-methylphenyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, methyl ester (CA INDEX NAME)

RN 853005-58-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
7-[(4-fluoro-3-methylphenyl)amino]-5-[methyl(1-methylethyl)amino]-1-[2(2,2,2-trifluoroethoxy)ethyl]-, methyl ester (CA INDEX NAME)

RN 853005-59-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(2,2-difluoroethoxy)ethyl]-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,$  853005-60-4  $\,$  CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-[2-(2,2-difluoroethoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-61-5 CAPLUS

CN 1H-Pyrazolo [4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(2,2-difluoroethoxy)ethyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN  $\,$  853005-62-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-7-((4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3-trifluoropropoxy)ethyl]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-63-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid,
5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3-trifluoropropoxylethyl]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 853005-64-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(3,3,3-trifluoropropoxy)ethyl]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-65-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(ethylmethylamino)-1-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

RN 853005-66-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[2-(3-fluoropropoxylethyl)-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-67-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 5-(diethylamino)-1-[2-(3-fluoropropoxy)ethyl]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

RN 853005-68-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-carboxylic acid, 1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-5-(1-pyrrolidinyl)-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 853005-69-3 CAPLUS

CN 1H-Pyrasolo[4,3-d]pyrimidine-3-carboxylic acid, 1-[(2S)-2-methoxypropyl]-5-[methyl(1-methylethyl)amino]-7-[(4-methyl-2-pyridinyl)amino]-, methyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:965255 CAPLUS

DOCUMENT NUMBER: 141:410950

TITLE: Preparation of 5,7-diaminopyrazolo[4,3-d]pyrimidines as selective PDE5 inhibitors useful in the treatment

of hypertension

INVENTOR(S): Bell, Andrew Simon; Brown, David Graham; Fox, David
Nathan Abraham; Marsh, Ian Roger; Morrell, Andrew Ian;

Palmer, Michael John; Winslow, Carol Ann

PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.

SOURCE: PCT Int. Appl., 279 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT N	PATENT NO.			KIND DATE			APPLICATION NO.					DATE				
WO 2004( W:	D96810 AE, AG, CN, CO, GE, GH, LK, LR, NO, NZ, TJ, TM, BW, GH, BY, KG, ES, FI, SK, TR,	AL, CR, GM, LS, OM, TN, GM, KZ, FR,	A1 AM, CU, HR, LT, PG, TR, KE, MD, GB,	AT, CZ, HU, LU, PH, TT, LS, RU, GR,	2004 AU, DE, ID, LV, PL, TZ, MW, TJ, HU,	AZ, DK, IL, MA, PT, UA, MZ, TM, IE,	BA, DM, IN, MD, RO, UG, SD, AT, IT,	MO 2 BB, DZ, IS, MG, RU, US, SL, BE, LU,	BG, EC, JP, MK, SC, UZ, SZ, BG, MC,	IB14 BR, EE, KE, MN, SD, VC, TZ, CH, NL,	BW, EG, KG, MW, SE, VN, UG, CY, PL,	BY, ES, KP, MX, SG, YU, ZM, CZ, PT,	BZ, FI, KR, MZ, SK, ZA, ZW, DE, RO,	CA, GB, KZ, NA, SL, ZM, AM, DK, SE,	422 CH, GD, LC, NI, SY, ZW AZ, EE, SI,	
AU 2004/ CA 2523/ EP 1620- EP 1620- EP 1620- CM 1780/ JP 2006/ JP 4015: NL 1026/ TW 2739/ US 2005/ US 2005/ MX 2005/ KX	331 337 AT, BE, IE, SI, 009903 341 524636 176 1774 074 08 0043325 192 004404 PA11643 33 217419	CH, LT,	A1 C A1 DE, LV, A T B2 A1 C2 B A1 B2 A A A B1	DK, FI,	2004 2008 2006 ES, RO, 2006 2006 2007 2004 2005 2007 2007 2005 2007 2005 2005 2008 2008 2008 2008 2008 2009 2009 2009	1111 1118 0201 FR, MK, 0425 0531 1102 1128 1101 0809 0221 0224 0828 0831 1124 1215 0430	GB, CY,	CA 2 EP 2 GR, AL, BR 2 CN 2 JP 2  NL 2 IN	004- 1T, TR, 004- 004- 004- 005- 005- 007- 007- 003- 003- 003- 003-	2523 7288 LI, 9903 8001 5003 1026 9311 8344 DN39 4404 7204 6773 8310 9780 9780 2774 4766 5381	831 68 LU, CZ, 1467 46 074 1926 84 64 643 97 621 8 78P 47P	NL, EE,	2 2 SE, HU, 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0040 MC, PL, 0040 0040 0040 0040 0050 0050 0051 0050	422 422 PT, SK, 422 422 422 428 428 429 905 902 902 902 903 903 905 905 905 905 905 905 905 905	HR

WO 2004-IB1433 A 20040422 US 2004-834484 A1 20040429

OTHER SOURCE(S): MARPAT 141:410950

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [wherein Rl = (un)substituted cycloalkyl, cycloalkenyl, (un)substituted pyridin-2-yl, (un)fused Ph, etc.; R2 = H, alkyl; R3, R4 = independently (un)substituted alkyl, alkenyl, cycloalkyl, etc.; or NR3R4 = piperazin-1-yl, monocyclic, saturated polycyclic; R5 = (un)substituted halo/alkyl, alkenyl, alkynyl, cycloalkyl; R6 = H, (un)substituted alkyl, haloalkyl, alkenyl, alkynyl, etc.) were prepared as selective PDE5 inhibitors. For example, II=2HCl was prepared from (4-Methylpyridin-2-yl)amine, dichloride III (general preparation given), and text-Bu piperazine-1-carboxylate. I gave IC50 values < 10,000 nM in an in hypertension.

IT 707966-67-7P 702966-68-PD 702966-68-9P

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792966-67-7P 792966-68-8P 792966-69-9P
792966-70-2P 792966-71-3P 792966-72-4P
792966-73-5P 792966-74-6P 792966-75-7P
792966-76-8P 792966-77-9P,
1-(2-Ethoxyethyl)-3-methyl-5-((3R)-3-methylpiperazin-1-vl)-N-pyrimidin-4-
v1-1H-pyrazolo[4,3-d]pyrimidin-7-vlamine 792966-78-0P
792966-79-1P 792966-80-4P 792966-81-5P.
1-(2-Ethoxyethyl)-3-ethyl-5-((3R)-3-methylpiperazin-1-yl)-N-pyrimidin-4-yl-
1H-pyrazolo[4,3-d]pyrimidin-7-ylamine 792966-82-6P
792966-83-7P 792966-84-8P 792966-85-9P
792966-86-0P 792966-88-2P 792966-89-3P,
1-(2-Isopropoxyethyl)-3-methyl-5-((3R)-3-methylpiperazin-1-vl)-N-pyrimidin-
4-vl-1H-pyrazolo[4,3-d]pyrimidin-7-vlamine 792966-90-6P
792966-91-7P 792966-92-8P 792966-93-9P
792966-94-0P 792966-95-1P 792966-96-2P
792966-97-3P 792966-98-4P 792966-99-5P
792967-00-1P 792967-01-2P 792967-02-3P
792967-03-4P 792967-04-5P 792967-05-6P
792967-06-7P 792967-07-8P 792967-09-0P
792967-11-4P 792967-13-6P 792967-15-8P
792967-17-0P 792967-19-2P 792967-21-6P
792967-23-8P 792967-25-0P 792967-27-2P
792967-29-4P 792967-31-8P 792967-33-0P
792967-35-2P 792967-37-4P 792967-39-6P
792967-41-0P 792967-43-2P 792967-45-4P
792967-47-6P 792967-49-8P 792967-51-2P
792967-53-4P 792967-54-5P 792967-56-7P
792967-57-8P 792967-59-0P 792967-60-3P
792967-61-4P 792967-62-5P 792967-64-7P
792967-66-9P 792967-68-1P 792967-70-5P
792967-72-7P 792967-73-8P 792967-74-9P
792967-75-0P 792967-76-1P 792967-77-2P
792967-78-3P 792967-79-4P 792967-80-7P
792967-81-8P 792967-82-9P 792967-83-0P
792967-84-1P 792967-85-2P 792967-86-3P
792967-87-4P, 1-Methyl-5-((3R)-3-methylpiperazin-1-yl)-3-propyl-N-
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pyrimidin-4-yl-1H-pyrazolo[4,3-d]pyrimidin-7-ylamine 792967-88-5P
792967-89-6F 792967-90-9F 792967-91-0F
792967-92-1P 792967-93-2P 792967-94-3P
792967-95-4P 792967-96-5P 792967-97-6P
792967-98-7P 792967-99-8P 792968-00-4P
792968-01-5P 792968-02-6P 792968-03-7P
792968-04-8P 792968-05-9P 792968-06-0P
792968-07-1P 792968-08-2P 792968-09-3P
792968-10-6P 792968-11-7P 792968-12-8P
792968-13-9P 792968-14-0P 792968-15-1P
792968-16-2P 792968-17-3P 792968-18-4P
792968-19-5P 792968-20-8P 792968-21-9P
792968-22-0P 792968-23-1P 792968-24-2P
792968-25-3P 792968-26-4P 792968-27-5P
792968-28-6P 792968-29-7P 792968-30-0P
792968-31-1P 792968-32-2P 792968-33-3P
792968-34-4P, 5-((2R,5S)-2,5-Dimethylpiperazin-1-y1)-1-(2-
ethoxyethyl)-3-methyl-N-pyrimidin-4-yl-1H-pyrazolo[4,3-d]pyrimidin-7-
vlamine 792968-35-5P 792968-36-6P 792968-37-7P
. 5-((2R,5S)-2,5-Dimethylpiperazin-1-v1)-1-(2-ethoxyethyl)-3-ethyl-N-
pyrimidin-4-vl-1H-pyrazolo[4,3-d]pyrimidin-7-vlamine 792968-38-8P
792968-39-9P 792968-40-2P 792968-41-3P
792968-42-4P 792968-43-5P 792968-44-6P
792968-45-7P 792968-46-8P 792968-47-9P
792968-48-0P 792968-49-1P,
3-Ethyl-1-(2-methoxyethyl)-N'-(4-methylpyridin-2-yl)-N-[2-(pyrazol-1-
v1)ethv1]-1H-pvrazolo[4,3-d]pvrimidine-5,7-diamine 792968-50-4P,
(2S)-2-[[3-Ethv1-1-(2-methoxyethv1)-7-[(4-methylpyridin-2-v1)amino]-1H-
pyrazolo[4,3-d]pyrimidin-5-yl]amino]propan-1-ol 792968-51-5P
792968-52-6P 792968-53-7P 792968-54-8P
792968-55-9P 792968-56-0P 792968-57-1P,
1-(2-Ethoxyethyl)-N-methyl-3-methyl-N'-(4-methylpyridin-2-v1)-N-((3S)-1-
methylpyrrolidin-3-v1)-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
792968-58-2P, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N'-(4-
methylpyridin-2-yl)-N-((3S)-1-methylpyrrolidin-3-yl)-1H-pyrazolo[4,3-
d]pyrimidine-5,7-diamine 792968-59-3P,
N-[3-Methyl-5-(piperazin-1-yl)-1-[(tetrahydropyran-2-yl)methyl]-1H-
pyrazolo[4,3-d]pyrimidin-7-v1]-5-methylpyridin-2-ylamine dihydrochloride
792968-60-6P 792968-61-7P 792968-62-8P
792968-63-9P 792968-64-0P 792968-65-1P
792968-66-2P 792968-75-3P.
N-[3-Isopropyl-1-(2-methoxyethyl)-5-(piperazin-1-yl)-1H-pyrazolo[4,3-
d]pyrimidin-7-yl]-4-methylpyridin-2-ylamine bis(trifluoroacetate)
792968-76-4P, N-[3-Isopropyl-1-(2-methoxyethyl)-5-(piperazin-1-yl)-
1H-pyrazolo[4,3-d]pyrimidin-7-y1]-5-methylpyridin-2-ylamine
792968-77-5P, N-(3-Ethvl-1-(2-methoxyethvl)-5-(piperazin-1-vl)-1H-
pyrazolo[4,3-d]pyrimidin-7-v1]-5-methyl-2H-pyrazol-3-ylamine
792968-78-6P, [1-(2-Ethoxyethyl)-5-(N-ethyl-N-methylamino)-7-[(4-
methylpyridin-2-yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methanol
792968-79-7P, [5-Dimethylamino-1-(2-ethoxyethyl)-7-[(4-
methylpyridin-2-yl)aminol-1H-pyrazolo[4,3-d]pyrimidin-3-yl]methanol
792968-80-0P, N-[1-(2-Ethoxyethyl)-3-(methoxymethyl)-5-(piperazin-
1-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-ylamine
dihydrochloride 792968-81-1P 792968-82-2P.
1-(2-Ethoxyethyl)-3-(methoxymethyl)-N, N-dimethyl-N'-(4-methylpyridin-2-yl)-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 792968-83-3P,
N-[1-(2-Ethoxyethy1)-3-(ethoxymethy1)-5-(piperazin-1-y1)-1H-pyrazolo[4,3-
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d|pvrimidin-7-v1|-4-methylpvridin-2-vlamine dihydrochloride
792968-84-4P 792968-85-5P,
1-(2-Ethoxyethyl)-3-(ethoxymethyl)-N, N-dimethyl-N'-(4-methylpyridin-2-yl)-
1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine 792968-86-6P
792968-87-7P, N-[1-(2-Ethoxyethyl)-3-(methoxymethyl)-5-(piperazin-
1-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]pyrimidin-4-ylamine dihydrochloride
792968-88-8P, 1-(2-Ethoxyethyl)-N-methyl-3-methyl-N-((3S)-1-
methylpyrrolidin-3-yl)-N'-pyrimidin-4-yl-1H-pyrazolo[4,3-d]pyrimidine-5,7-
diamine 792968-89-9P, 1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N'-(5-
methylpyridin-2-yl)-N-((3S)-1-methylpyrrolidin-3-yl)-1H-pyrazolo[4,3-
d]pyrimidine-5,7-diamine 792968-90-2P.
1-(2-Ethoxyethyl)-3-ethyl-N-methyl-N-((3S)-1-methylpyrrolidin-3-yl)-N'-
pyrimidin-4-vl-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
792968-91-3P 792968-92-4P 792968-93-5P
792968-94-6P 792968-95-7P 792968-96-8P
792968-97-9P 792968-98-0P 792968-99-1P
792969-01-8P 792969-03-0P 792969-04-1P
792969-05-2P 792969-06-3P 792969-07-4P
792969-08-5P 792969-09-6P,
N-[1-(2-Ethoxyethyl)-3-methoxymethyl-5-((3R)-3-methylpiperazin-1-yl)-1H-
pyrazolo[4,3-d]pyrimidin-7-vl]-6-methylpyridin-2-vlamine
792969-10-9P 792969-11-0P 792969-12-1P
792969-13-2P 792969-14-3P 792969-15-4P
792969-16-5P 792969-17-6P 792969-18-7P
792969-19-8P 792969-20-1P 792969-21-2P
792969-22-3P, N-[3-Methvl-5-((3R)-3-methvlpiperazin-1-v1)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]pyrimidin-4-
ylamine 792969-23-4P 792969-24-5P 792969-25-6P
792969-26-7P 792969-27-8P,
N-[5-[(1S, 4S)-2, 5-Diazabicyclo[2.2.1]hept-2-y1]-1-(2-ethoxyethyl)-3-ethyl-
1H-pyrazolo[4,3-d]pyrimidin-7-v1]-4-methylpyridin-2-ylamine
monohydrochloride 792969-28-9P,
N-[5-[(1S, 4S)-2,5-Diazabicvclo[2,2,1]hept-2-v1]-3-methoxymethvl-1-(2-
propoxyethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-ylamine
792969-29-0P 792969-30-3P.
N-[5-(3,8-Diazabicyclo[3.2.1]oct-3-yl)-1-(2-ethoxyethyl)-3-methyl-1H-
pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-ylamine
792969-31-4P 792969-32-5P 792969-33-6P
792969-34-7P 792969-35-8P 792969-36-9P,
N-[5-(3,8-Diazabicvclo[3,2,1]oct-3-vl)-3-methvl-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-6-methylpyridin-2-
vlamine 792969-37-0P.
N-[5-(3,8-Diazabicyclo[3.2.1]oct-3-yl)-3-methyl-1-(2-propoxyethyl)-1H-
pyrazolo[4,3-d]pyrimidin-7-v1]-6-methylpyridin-2-vlamine
792969-38-1P 792969-39-2P 792969-40-5P
792969-41-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
   (PDE5 inhibitor; preparation of 5,7-diaminopyrazolo[4,3-d]pyrimidines as
   selective PDE5 inhibitors useful in treatment of hypertension)
792966-67-7 CAPLUS
1H-Pvrazolo[4,3-d]pvrimidine-5,7-diamine,
3-ethyl-1-(2-methoxyethyl)-N5-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX
NAME)
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RN CN

- RN 792966-68-8 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  - 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-69-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-(3-amino-1-azetidinyl)-1-(2-ethoxyethyl)-3-ethyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-70-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-71-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-methoxyethyl)-3-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-72-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792966-73-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyridinyl)-1-(2-propoyethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-74-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-3-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792966-75-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-1-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-76-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(3-methoxypropyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-77-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethy1)-3-methy1-5-[(3R)-3-methy1-1-piperaziny1]-N-4-pyrimidiny1-(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-78-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

RN 792966-79-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-(1-methylethyl)-1-piperazinyl]-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-80-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3S)-3-(1-methylethyl)-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-81-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-82-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3S)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

RN 792966-83-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethy1)-3-ethy1-5-[(13R)-3-(1-methylethy1)-1-piperaziny1]-N-4-pyrimidiny1- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-84-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-ethyl-5-[(3S)-3-(1-methylethyl)-1-piperazinyl]-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792966-85-9 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 1-(2-ethoxyethyl)-3-ethyl-5-[(3R)-3-ethyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792966-86-0 CAPLUS

CN

 $\begin{array}{l} 1H-Pyrazolo[4,3-d] pyrimidin-7-amine, \\ 3-methyl-1-[2-(1-methylethoxy)ethyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4- \end{array}$ pyrimidinyl-, hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-88-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  5-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-4pyrimidinyl-, rel- (CA INDEX NAME)

Relative stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-89-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimiddin-7-amine,
  3-methyl-1-[2-(1-methylethoxy)ethyl]-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl- (CA INDEX NAME)

RN 792966-90-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-1-(1-methylethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-(CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-91-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(3-ethoxypropy1)-3-methy1-5-[(3R)-3-methy1-1-piperaziny1]-N-4-pyrimidiny1-, hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-92-8 CAPLUS
- CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-(|3R|-3-methyl-1-piperazinyl)-N-(6-methyl-4-pyrimidinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-93-9 CAPLUS

- RN 792966-94-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-ethyl-N-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4pyrimidinyl- (CA INDEX NAME)

- RN 792966-95-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(2,5-dimethyl-1-piperazinyl)-1-methyl-N-(5-methyl-2-pyridinyl)-3-propyl-, hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792966-96-2 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(2-methyl-1-piperazinyl)-N-(5-methyl-2-pyridinyl)-3-propyl-, hydrochloride (1:?) (CA INDEX NAME)

# ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792966-97-3 CAPLUS

RN 792966-97-3 CAPLUS
CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-methyl-5-(3-methyl-1-piperazinyl)-N-(5-methyl-2-pyridinyl)-3-propyl-,
hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-98-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-(3,5-dimethyl-1-piperazinyl)-1-methyl-N-(5-methyl-2-pyridinyl)-3-propyl-, hydrochloride (1:?) (CA INDEX NAME)

●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792966-99-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 5-(2,6-dimethyl-1-piperazinyl)-1-methyl-N-(5-methyl-2-pyridinyl)-3-propyl-
  - , hydrochloride (1:?) (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792967--00--1 CAPLUS

RN 792967-00-1 CAPLUS
NH-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-methyl-N-(5-methyl-12-pyridinyl)-5-(1-piperazinyl)-3-propyl-,
hydrochloride (1:?) (CA INDEX NAME)

# ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792967-01-2 CAPLUS

CN 4-Piperidinol, 1-[1-methyl-7-[(5-methyl-2-pyridinyl)amino]-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

792967-02-3 CAPLUS RN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 1-methyl-N-(5-methyl-2-pyridinyl)-5-(1-piperidinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-03-4 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5-3-azetidinyl-1-methyl-N7-(5-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

RN 792967-04-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-3-azetidinyl-N5,1-dimethyl-N7-(5-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-05-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(3S)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

RN 792967-06-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-07-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(4-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

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RN 792967-09-0 CAPLUS CN 1H-Pyrazolo[4,3-d]py

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-tfiluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-08-9 CMF C21 H30 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-11-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,1-dimethyl-N5-(1-methyl-4-piperidinyl)-N7-(4-methyl-2-pyridinyl)-3propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-10-3 CMF C22 H32 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 02

F-C-CO<sub>2</sub>H

RN 792967-13-6 CAPLUS

CN 1H-Pyrazolo (4,3-d) pyrimidine-5,7-diamine, N5,1-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-(1-methyl-3-pyrrolidinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-12-5 CMF C21 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 792967-15-8 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(4-amino-1-piperidinyl)-1-methyl-N-(4-methyl-2-pyridinyl)-3-propyl-,
2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 792967-14-7 CMF C20 H28 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-17-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(hexahydro-1H-1,4-diazepin-1-yl)-1-methyl-N-(4-methyl-2-pyridinyl)-3propyl-,2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-16-9 CMF C20 H28 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-19-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(hexahydro-4-methyl-1H-1,4-diazepin-1-y1)-1-methyl-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-18-1 CMF C21 H30 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-21-6 CAPLUS

CM 1

CRN 792967-20-5 CMF C20 H28 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-23-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[3-(aminomethyl)-1-piperidinyl)-1-methyl-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792967-22-7 CMF C21 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 792967-25-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-methyl-ND-[2-(methylamino)ethyl]-N7-(4-methyl-2-pyridinyl)-3-propyl-,
2,2,2-trifluoroacetate [1:7] (CA INDEX NAME)

CM 1

CRN 792967-24-9 CMF C18 H26 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 02

F-C-CO<sub>2</sub>H

RN 792967-27-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

```
N5-(3-aminopropy1)-1-methy1-N7-(4-methy1-2-pyridiny1)-3-propy1-,
    2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)
    CM
        1
    CRN 792967-26-1
    CMF C18 H26 N8
                       Ме
               M
                       Me
H2N- (CH2)3-N
ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
    CM
    CRN 76-05-1
     CMF C2 H F3 O2
F-C-C02H
  F
    792967-29-4 CAPLUS
RN
    1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
CN
     5-[4-(dimethylamino)-1-piperidinyl]-1-methyl-N-(4-methyl-2-pyridinyl)-3-
    propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)
    CM
          1
    CRN 792967-28-3
    CMF C22 H32 N8
```

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-31-8 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

lH-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
1-methyl-N5-[(1-methyl-3-piperidinyl)methyl-N7-(4-methyl-2-pyridinyl)-3propyl-,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-30-7 CMF C22 H32 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 792967-33-0 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,1-dimethyl-N5-[(1-methyl-3-piperidinyl)methyl]-N7-(4-methyl-2-pyridinyl)-3-propyl-1,2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792967-32-9 CMF C23 H34 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

RN 792967-35-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[2-[(dimethylamino)methyl]-1-piperidinyl]-1-methyl-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-34-1 CMF C23 H34 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

RN 792967-37-4 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(4-methyl-2-pyridinyl)-N5-[(1-methyl-2-pyrrolidinyl)methyl]-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-36-3 CMF C21 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 792967-39-6 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-y1)-1-methyl-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-38-5 CMF C22 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO2H

RN 792967-41-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5-[2-(dimethylamino)ethyl]-1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl-,
2,2,2-trifluoroacetate (1:7) (CA INDEX NAME)

CM 1

CRN 792967-40-9 CMF C19 H28 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

RN 792967-43-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $\begin{tabular}{ll} N5-[2-(dimethylamino)ethyl]-N5,1-dimethyl-N7-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME) \\ \end{tabular}$ 

CM

CRN 792967-42-1

CMF C20 H30 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-45-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-[3-(dimethylamino)propyl]-1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-44-3

CMF C20 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-47-6 CAPLUS CN 1H-Pvrazolo[4,3-d]pv

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-[3-(dimethylamino)propyl]-N,7-(dimethyl-N7-(4-methyl-2-pyridinyl)-3-propyl-,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

1

CRN 792967-46-5 CMF C21 H32 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-49-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5,1-dimethyl-N5-[2-(methylamino)ethyl]-N7-(4-methyl-2-pyridinyl)-3-propyl,2,2,2-trifiuoroacetate (1:7) (CA INDEX NAME)

CM 1

CRN 792967-48-7

CMF C19 H28 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-51-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-methyl-5-(3-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-3-propyl-,
2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-50-1 CMF C20 H28 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 02

RN 792967-53-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl-N5-(3R)-3-pyrrolidinyl-, 2.2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 792967-52-3 CMF C19 H26 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-54-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl-N5-[(3S)-3-pyrrolidinylmethyl]-(CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792967-56-7 CAPLUS
- CN
  - 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methy1-5-(8-methy1-3,8-diazabicyclo[3.2.1]oct-3-y1)-N-(4-methy1-2-

pyridiny1)-3-propy1-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)
CM 1
CRN 792967-55-6
CMF C22 H30 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM :

CRN 76-05-1 CMF C2 H F3 O2



RN 792967-57-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,1-dimethyl-M7-(4-methyl-2-pyridinyl)-N5-4-piperidinyl-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792967-59-0 CAPLUS

NN 3220-00 CAFBUS 200 CARBUS 2

CM

CRN 792967-58-9 CMF C20 H26 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-60-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[4-(methylamino)-1-piperidinyl]-N-(4-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-61-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3-amino-1-pyrrolidiny1)-1-methyl-N-(4-methyl-2-pyridiny1)-3-propyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-62-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $\label{eq:N5-[4-methoxypheny1]} N5-[(4-methy1-2-pyridiny1)-3-propyl-(CA INDEX NAME)$ 

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792967-64-7 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-methoxyethy1)-1-methy1-N7-(4-methy1-2-pyridiny1)-3-propy1-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792967-63-6 CMF C18 H25 N7 O

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

792967-66-9 CAPLUS RN

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-methyl-5-(6-methyl-3,6-diazabicyclo[3.2.2]non-3-yl)-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-65-8 CMF C23 H32 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 02

CN

RN 792967-68-1 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(4-methyl-2-pyridinyl)-N5-(4-piperidinylmethyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM 1

CRN 792967-67-0 CMF C21 H30 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792967-70-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(2S)-2-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792967-69-2

CMF C20 H28 N8

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

CN

RN 792967-72-7 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-methyl-5-[4-[(methylamino)methyl]-1-piperidinyl]-N-(4-methyl-2-pyridinyl)-3-propyl-, 2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792967-71-6 CMF C22 H32 N8

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

F-C-CO<sub>2</sub>H

RN 792967-73-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(4-methyl-2-pyridinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-74-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5,1-dimethy1-N7-(4-methy1-2-pyridiny1)-3-propy1- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-75-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(1-piperazinyl)-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792967-76-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methyl-5-(4-methyl-1-piperazinyl)-3-propyl-N-4-pyr

1-methyl-5-(4-methyl-1-piperazinyl)-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-77-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-[(3S)-3-methyl-1-piperazinyl]-3-propyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792967-78-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5,1-dimethyl-N5-(1-methyl-4-piperidinyl)-3-propyl-N7-4-pyrimidinyl-, hydrochloride (1:?) (CA INDEX NAME)

## ●x HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-79-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(6-methoxy-4-pyrimidiny1)-1-methy1-5-(1-piperaziny1)-3-propy1- (CA INDEX NAME)

RN 792967-80-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-(6-methoxy-4-pyrimidinyl)-N5,1-dimethyl-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-81-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N7-(6-methoxy-4-pyrimidiny1)-N5, N5, 1-trimethy1-3-propy1- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-82-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-methyl-5-(1-piperazinyl)-3-propyl-N-2-pyrazinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-83-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(1-piperazinyl)-3-propyl-N-2-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-84-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-methyl-5-(1-piperazinyl)-3-propyl-N-3-pyridazinyl- (CA INDEX NAME)

RN 792967-85-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5, N5, 1-trimethyl-N7-(5-methyl-1, 2, 4-oxadiazol-3-yl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792967-86-3 CAPLUS RN

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-1H-imidazol-2-yl-N5,1-dimethyl-3-propyl- (CA INDEX NAME)

RN 792967-87-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-methyl-5-[(3R)-3-methyl-1-piperazinyl]-3-propyl-N-4-pyrimidinyl- \\ \mbox{ INDEX NAME)}$ 

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-88-5 CAPLUS

CN Ethanol, 2-[[1-(3-methoxypropyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-89-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5,1-bis(2-methoxyethyl)-3-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792967-90-9 CAPLUS

CN 4-Piperidinol, 1-[3-ethyl-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-91-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-methoxyethyl)-5-[(3S)-3-methoxy-1-pyrrolidinyl]-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792967-92-1 CAPLUS

CN Ethanol, 2-[[1-(3-methoxypropyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-93-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(IR,4R)-2,5-diazabicyclo[2,2.1]hept-2-yl-1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-94-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-1-(2-methoxyethyl)-N7-(4-methyl-2-pyridinyl)-N5-[(2S)-2-pyrrolidinylmethyl]- (CA INDEX NAME)

RN 792967-95-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(3-methoxypropyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-96-5 CAPLUS

CN 3-Pyrrolidinol, 1-[1-(3-methoxypropy1)-3-methy1-7-[(4-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-, (3R)- (CA INDEX NAME)

RN 792967-97-6 CAPLUS

CN β-Alanine, N-[1-(2-methoxyethyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792967-98-7 CAPLUS

CN 3-Pyrrolidinol, 1-[1-(2-methoxyethyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (3R)- (CA INDEX NAME)

RN

792967-99-8 CAPLUS
1-Propanol, 3-[[3-ethyl-1-(2-methoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]-CN 1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-00-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(3-methoxypropy1)-3-methy1-N7-(5-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 792968-01-5 CAPLUS

CN 4-Piperidinol, 1-[1-(2-methoxyethyl)-3-methyl-7-[(5-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-02-6 CAPLUS

CN 2-Piperazinone, 4-[1-(2-methoxyethy1)-3-methy1-7-[(5-methy1-2-pyridiny1)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-y1]- (CA INDEX NAME)

RN

782988-03-7 CAPLUS
Propanamide, 3-[[3-ethyl-1-(2-methoxyethyl)-7-[(5-methyl-2-pyridinyl)amino]-H-myrazolol4,3-d]pyrimidin-5-yl]amino]-M-methyl- (CA CN INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-04-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-1-(2-methoxyethyl)-N-(5-methyl-2-pyridinyl)-5-(4-morpholinyl)-(CA INDEX NAME)

RN 792968-05-9 CAPLUS

CN Ethanol, 2-[[3-ethyl-1-(2-methoxyethyl)-7-(2-pyridinylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-06-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-N7-(5-fluoro-2-pyridinyl)-N5,1-bis(2-methoxyethyl)- (CA INDEX NAME)

RN 792968-07-1 CAPLUS

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-08-2 CAPLUS

CN 1H-Pyrazolo (4,3-d]pyrimidine-5,7-diamine, 1-methyl-N7-(5-methyl-2-pyridinyl)-N5-[2-(4-morpholinyl)ethyl]-3-propyl-(CA INDEX NAME)

792968-09-3 CAPLUS RN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN 1-methyl-5-(4-methyl-1-piperazinyl)-N-(5-methyl-2-pyridinyl)-3-propyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-10-6 CAPLUS

CN 1-Propanol, 2-[[7-[(4,6-dimethyl-2-pyridinyl)amino]-1-(3-methoxypropyl)-3methyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2S)- (CA INDEX NAME)

RN 792968-11-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

3-ethyl-1-(2-methoxyethyl)-N7-(5-methyl-1H-pyrazol-3-yl)-N5-[2-(1H-pyrazol-1-yl)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-12-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(3-methoxypropyl)-3-methyl-N-(5-methyl-1H-pyrazol-3-yl)-5-(1-piperazinyl)- (CA INDEX NAME)

RN 792968-13-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(2,5-diazabicyclo[2.2.1]hept-2-yl)-1-(3-methoxypropyl)-3-methyl-N-(5-methyl-1H-pyrazol-3-yl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-14-0 CAPLUS

CN L-Proline, 1-[3-ethyl-1-(2-methoxyethyl)-7-[(5-methyl-1H-pyrazol-3-yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 792968-15-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-methyl-N5-[2-(methylamino)ethyl]-3-propyl-N7-1H-pyrazol-3-yl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-16-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(3S)-3-amino-1-pyrrolidiny1]-1-methyl-3-propyl-N-1H-pyrazol-3-yl- (CA INDEX NAME)

RN 792968-17-3 CAPLUS

CN 3-Piperidinol, 1-[3-ethyl-1-(2-methoxyethyl)-7-(1H-pyrazol-3-ylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-18-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(3-methoxypropy1)-3-methyl-N-1H-pyrazol-3-yl-5-(1-pyrrolidinyl)- (CA INDEX NAME)

RN 792968-19-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-(5-ethyl-2-pyridinyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-20-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-cyclohexyl-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 792968-21-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $\label{eq:normalized} $$N-(4,6-dimethyl-2-pyridinyl)-1-methyl-5-(1-piperazinyl)-3-propyl-$$ (CAINDEX NAME)$ 

RN 792968-22-0 CAPLUS

CN Cyclohexanol, 4-[[1-methyl-5-(1-piperazinyl)-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-, trans- (CA INDEX NAME)

Relative stereochemistry.

- RN 792968-23-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4-methoxycyclohexyl)-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 792968-24-2 CAPLUS

CN 2-Pyridinecarboxamide, N-methyl-6-[[1-methyl-5-(1-piperazinyl)-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-25-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

N-cyclopentyl-1-methyl-5-(1-piperazinyl)-3-propyl- (CA INDEX NAME)

RN 792968-26-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5,N7,1-trimethyl-N7-(1-methyl-4-piperidinyl)-3-propyl- (CA INDEX NAME)

RN 792968-27-5 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-methoxyethy1)-9-(4-methy1-2-pyridiny1)-5-(1-piperaziny1)-3-propy1-, hydrochloride (1:2) (CA INDEX NAME)

## ●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-28-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)-3-propyl-, hydrochloride (1:2) (CA INDEX NAME)

# ●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-29-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-30-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-31-1 CAPLUS

CN 1H-Fyracolo[4,3-d]pyrimidin-7-amine, 5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-32-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-33-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2R,5S)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-34-4 CAPLUS CN 1H-Pvrazolo[4,3-d]pvr

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,55)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-35-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,58)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-36-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2R,55)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-37-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2R,55)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-4pyrimidinyl- (CA INDEX NAME)

RN 792968-38-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-39-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-40-2 CAPLUS CN 1H-Pyrazolo[4,3-d]py

H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[(28,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-methoxyethyl)-3-methyl-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-41-3 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-42-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2s,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-43-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(25,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

RN 792968-44-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2s,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-45-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792968-46-8 CAPLUS CN 1H-Pyrazolo[4,3-d]py:

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-[(2S,5R)-2,5-dimethyl-1-piperazinyl]-1-(2-ethoxyethyl)-3-ethyl-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-47-9 CAPLUS CN 1H-Pyrazolo[4,3-d]p

lH-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-1-(2-methoxyethyl)-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)(CA INDEX NAME)

RN 792968-48-0 CAPLUS CN 1H-Pvrazolo[4,3-d]pvrimidin-7

N 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-1-(2-methoxyethyl)-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-49-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-1-(2-methoxyethyl)-N7-(4-methyl-2-pyridinyl)-N5-[2-(1H-pyrazol-1-yl)ethyl)- (CA INDEX NAME)

RN 792968-50-4 CAPLUS

CN 1-Propanol, 2-[(3-ethyl-1-(2-methoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-51-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-methoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

RN 792968-52-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-53-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

 $1-(2-{\tt ethoxyethy1})-N5, 3-{\tt dimethy1-N5-[(3R)-1-methy1-3-pyrrolidiny1]-N7-4-pyrimidiny1- (CA INDEX NAME) }$ 

RN 792968-54-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-[(3R)-1-

methyl-3-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-55-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(5-methyl-2-pyridinyl)-N5-[(3R)-1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

RN 792968-56-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-[(3R)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-57-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

RN 792968-58-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N7-(4-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl]- (CA INDEX NAME)

### Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-59-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-2H-pyran-2-yl)methyl]-, hydrochloride (1:2) (CA INDEX NAME)

### 2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

792968-60-6 CAPLUS 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, CN

1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-61-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-methoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-(CA INDEX NAME)

RN 792968-62-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-2-furanyl)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-63-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-(2-pyridinylmethyl)-(CA INDEX NAME)

RN 792968-64-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-2H-pyran-Z-yl)methyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-65-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[(tetrahydro-3-furanyl)methyl]- (CA INDEX NAME)

RN 792968-66-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-methyl-N-(4-methyl-2-pyridinyl)-5-(3-methyl-N-(4-methyl-2-pyridinyl)-5-(3-me

3-methyl-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-75-3 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-(2-\texttt{methoxyethy1})-3-(1-\texttt{methy1ethy1})-N-(4-\texttt{methy1-2-pyridiny1})-5-(1-\texttt{piperaziny1})-, 2,2,2-\texttt{trifluoroacetate} \ (1:2) \ \ (CA INDEX NAME)$ 

CM 1

CRN 792968-74-2

CMF C21 H30 N8 O

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792968-76-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-methoxyethyl)-3-(1-methylethyl)-N-(5-methyl-2-pyridinyl)-5-(1-piperazinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-77-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-1-(2-methoxyethyl)-N-(5-methyl-1H-pyrazol-3-yl)-5-(1-piperazinyl)-

### (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-78-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-[(4-methyl-2-pyridinyl)amino]-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-79-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

5-(dimethylamino)-1-(2-ethoxyethyl)-7-[(4-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

- RN 792968-80-0 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethy1)-3-(methoxymethy1)-N-(4-methy1-2-pyridiny1)-5-(1-piperaziny1)-, hydrochloride (1:2) (CA INDEX NAME)

### ●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792968-81-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
  - 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-82-2 CAPLUS CN 1H-Pyrazolo(4.3-dlpy

1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-N5,N5-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-83-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-(ethoxymethyl)-N-(4-methyl-2-pyridinyl)-5-(1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)

## ●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-84-4 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl)-N-(4-methyl-2-pyridinyl)-, hydrochloride (1:2) (CA INDEX NAME)

## Absolute stereochemistry.

# ●2 HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792968-85-5 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  - 1-(2-ethoxyethy1)-3-(ethoxymethy1)-N5,N5-dimethy1-N7-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

- RN 792968-86-6 CAPLUS

Absolute stereochemistry.

● 2 HCl

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-87-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-(1-piperazinyl)-N-4-pyrimidinyl-, hydrochloride (1:2) (CA INDEX NAME)

#### ● 2 HC1.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-88-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5,3-dimethyl-N5-[(3S)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792968-89-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-3-ethy1-N5-methy1-N7-(5-methy1-2-pyridiny1)-N5-[(3S)-1-methy1-3-pyrrolidiny1)- (CA INDEX NAME)

RN 792968-90-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-3-ethyl-N5-methyl-N5-[(3S)-1-methyl-3-pyrrolidinyl]-N7-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-91-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-N-(6-methoxy-3-pyridinyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN 792968-92-4 CAPLUS

CN 1H-Pyrazolo(4/3-d)pyrimidin-7-amine, 1-(2-ethoxyethy)1-N-(5-methoxy-2-pyridiny1)-3-methy1-5-[(3R)-3-methy1-1piperaziny1)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-93-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethyl)-N-(6-methoxy-2-pyridinyl)-3-methyl-5-[(3R)-3-methyl-1piperazinyl]- (CA INDEX NAME)

RN 792968-94-6 CAPLUS

CN

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792968-95-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1piperazinyl]- (CA INDEX NAME)

RN 792968-96-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, N-(5,6-dimethyl-3-pyridinyl)-1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 792968-97-9 CAPLUS

CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

- RN 792968-98-0 CAPLUS CN 2(1H)-Pvridinone, 5-[
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethy1)-5-[(2-methoxyethy1)methylamino]-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

- RN 792968-99-1 CAPLUS
- CN 2(1H)-Pyridinone, 5-[[1-(2-ethoxyethyl)-5-(ethylmethylamino)-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-1-methyl- (CA INDEX NAME)

RN 792969-01-8 CAPLUS

NN /32303-01-0 CAFLUO NH-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-[3-(methylamino)-1-azetidinyl]-N-(4-methyl-2pyridinyl)-, 2,2-2-trifluoroacetate (1:?) (CA INDEX NAME)

CM

CRN 792969-00-7 CMF C20 H28 N8 O

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

CN

RN 792969-03-0 CAPLUS

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-[3-(dimethylamino)-1-azetidinyl]-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)-, 2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

CM :

CRN 792969-02-9 CMF C21 H30 N8 O

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 792969-04-1 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethyl)-3-methyl-5-[(18,45)-5-methyl-2,5-diazabicyclo[2.2.1]hept-2-v]]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-05-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-M5-(2-methoxyethyl)-N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-06-3 CAPLUS

CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1Hpyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

RN 792969-07-4 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

In-sylabor(4,0-d)pyramidra-5,7-diamie, 1-(2-ethoxyethyl)-M5,3-dimethyl-M7-(6-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-08-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

 $1-(2-\text{ethoxyethyl})-3-\text{methyl}-5-[(1S,4S)-5-\text{methyl}-2,5-\text{diazabicyclo}[2.2.1] \\ \text{hept-2-yl}-N-4-\text{pyrimidinyl}- \\ \text{(CA INDEX NAME)}$ 

- RN 792969-09-6 CAPLUS
- NN 12-Dyrazolo[4,3-d]pyrimidin-7-amine,
  1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792969-10-9 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  - 1-(2-ethoxyethyl)-M5-ethyl-3-(methoxymethyl)-N5-methyl-N7-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-11-0 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[1-(2-ethoxyethyl)-3-(methoxymethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-12-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-3-(methoxymethy1)-N5-methy1-N5-(1-methy1-4-piperidiny1)-N7-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 792969-13-2 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

11-14-14-22-10 (4,3-dipylantum--amine, 5-[3-(dimethylamino)-1-azetidinyl]-1-(2-ethoxyethyl)-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-14-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-[2-(dimethylamino)ethyl]-1-(2-ethoxyethyl)-N5,3-dimethyl-N7-4-pyrimidinyl- (CA INDEX NAME)

RN 792969-15-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-ethyl-N5,3-dimethyl-N7-4-pyrimidinyl- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-16-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-N5-ethy1-N5,3-dimethy1-N7-(2-methy1-4-pyrimidiny1)- (CA INDEX NAME)

RN 792969-17-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 1-(2-ethoxyethyl)-N5-(2-methoxyethyl)-N5,3-dimethyl-N7-(2-methyl-4-pyrimidinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-18-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)- (CA INDEX NAME)

RN 792969-19-8 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-methyl-5-(|3R|-3-methyl-1-piperazinyl)-N-(4-methyl-2-pyrimidinyl)- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-20-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
1-(2-ethoxyethyl)-3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-[4(trifluoromethyl)-2-pyridinyl)- (CA INDEX NAME)

RN 792969-21-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-, hydrochloride (1:?) (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-22-3 CAPLUS

CN 3H-Pyrazolo[4,3-d]pyrimiddin-7-amine, 3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-23-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethyl)-N5-ethyl-3-(methoxymethyl)-N5-methyl-N7-4-pyrimidinyl-(CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-24-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

1-(2-ethoxyethy1)-N5-(2-methoxyethy1)-3-(methoxymethy1)-N5-methy1-N7-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 792969-25-6 CAPLUS

CN Ethanol, 2-[[1-(2-ethoxyethyl)-3-(methoxymethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]methylamino]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-26-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-3-methanol,

1-(2-ethoxyethyl)-5-(ethylmethylamino)-7-(4-pyrimidinylamino)- (CA INDEX NAME)

RN 792969-27-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

HC1

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-28-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)-1-(2-propoxyethyl)- (CA INDEX NAME)

RN 792969-29-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2.1]hept-2-yl-3-methyl-N-(4-methyl-2pyridinyl)-1-[2-(2,2,2-trifluoroethoxy]ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-30-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-y1)-1-(2-ethoxyethy1)-3-methy1-N-(4-methy1-2-pyridiny1)- (CA INDEX NAME)

RN 792969-31-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(13,43)-2,5-diazabicylo[2.2.1]hept-2-yl-N-(5,6-dimethyl-3-pyridinyl)-1-(2-ethoxyethyl)-3-methyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 792969-32-5 CAPLUS

CN 1H-Pyracolo[4,3-d]pyrimidin-7-amine, 5-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-N-(4,6-dimethyl-2-pyridinyl)-1-(2-ethoxyethyl)-3-methyl- (CA INDEX NAME)

RN 792969-33-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-34-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-35-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(2,5-diazabicyclo[2.2.2]oct-2-yl)-1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-36-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-y1)-3-methy1-N-(6-methy1-2-pyridiny1)-1-[2-(2,2,2-trifluoroethoxy)ethy1]- (CA INDEX NAME)

RN 792969-37-0 CAPLUS

CN 1H-Pyrazolo(4,3-d)pyrimidin-7-amine, 5-(3,8-diazabicyclo(3,2.1)oct-3-y1)-3-methyl-N-(6-methyl-2-pyridinyl)-1-(2-propoyethyl)- (CA 1NDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-38-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(5-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-39-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(18,48)-2,5-diazabicyclo[2,2:1)hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-4-pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-40-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-yl)-1-(2-ethoxyethyl)-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792969-41-6 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(15,45)-2,5-diazabicyclo(2.2.1)hept-2-yl-1-(2-ethoxyethyl)-3-(ethoxymethyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

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ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
IT
     792969-42-7P, N-[5-[(1R,4R)-2,5-Diazabicyclo[2.2.1]hept-2-y1]-1-(2-
     ethoxyethyl)-3-methyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-
     vlamine 792969-43-8P 792969-44-9P 792969-45-0P
     , 3-Methyl-N-methyl-N-(1-methylpiperidin-4-yl)-N'-(6-methylpyrimidin-4-yl)-
     1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidine-5,7-
     diamine 792969-46-1P, N-[3-Ethy1-5-((3R)-3-methylpiperazin-1-y1)-
     1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-
     v1]pvridazin-4-vlamine 792969-47-2P,
     N = [3-Ethv1-5-((3R)-3-methvlpiperazin-1-v1)-1-[2-(2,2,2-1)]
     trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]pyrimidin-4-
     ylamine 792969-48-3P, N-[3-Ethyl-5-((3R)-3-methylpiperazin-1-vl)-
     1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-2-
     methylpyrimidin-4-ylamine 792969-49-4P,
     3-Ethyl-N-methyl-N-(1-methylpiperidin-4-yl)-N-(6-methylpyrimidin-4-yl)-1-
     [2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidine-5,7-diamine
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792969-50-7P, N-[3-Methoxymethyl-5-((3R)-3-methylpiperazin-1-yl)-1-
[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-6-
methylpyridin-2-vlamine 792969-51-8P.
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-
vlamine 792969-53-0P, N-[3-Ethoxymethyl-5-((3R)-3-
methylpiperazin-1-vl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
dlpvrimidin-7-vll-6-methylpvridin-2-vlamine 792969-54-1P.
N = [3 - Ethoxymethyl - 5 - ((3R) - 3 - methylpiperazin - 1 - yl) - 1 - [2 - (2, 2, 2 - 2)]
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-
ylamine 792969-55-2P 792969-56-3P,
N-[3-Methyl-5-piperazin-1-yl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-
pyrazolo[4,3-d]pyrimidin-7-yl]-6-methylpyridin-2-ylamine
792969-57-4P, N-[5-(3,8-Diazabicyclo[3.2.1]oct-3-y1)-3-
methoxymethyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-
d]pyrimidin-7-y1]-4-methylpyridin-2-ylamine 792969-58-5P
792969-59-6P, 1-[3-Methyl-7-(4-methylpyridin-2-ylamino)-1-[2-
(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-
4-carboxvlic acid 792969-60-9P,
1-[3-Methyl-7-(6-methylpyrimidin-4-ylamino)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4-
carboxylic acid 792969-61-0P.
1-[3-Ethyl-7-(6-methylpyrimidin-4-ylamino)-1-[2-(2,2,2-
trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4-
carboxylic acid 792970-85-5P,
3-Methv1-5-((3R)-3-methv1piperazin-1-v1)-1-[2-(n-propoxy)ethv1]-N-
pyrimidin-4-vl-1H-pyrazolo[4,3-d]pyrimidin-7-vlamine 792970-86-6P
, 1-(2-\text{Ethoxyethy1})-3-(\text{methoxymethy1})-5-((3R)-3-\text{methylpiperazin}-1-v1)-N-(4-
methylpyridin-2-yl)-1H-pyrazolo[4,3-d]pyrimidin-7-ylamine
792970-87-7P, N-[5-[(1R,4R)-2,5-Diazabicyclo[2.2.1]hept-2-y1]-1-(2-
ethoxyethyl)-3-ethyl-1H-pyrazolo[4,3-d]pyrimidin-7-yl]-4-methylpyridin-2-
ylamine 792970-88-8P, N-[5-[(1S,4S)-2,5-Diazabicyclo[2.2.1]hept-
2-y1]-1-(2-ethoxyethyl)-3-ethyl-1H-pyrazolo[4,3-d]pyrimidin-7-y1]-4-
methylpyridin-2-ylamine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
   (PDE5 inhibitor; preparation of 5,7-diaminopyrazolo[4,3-d]pyrimidines as
   selective PDE5 inhibitors useful in treatment of hypertension)
792969-42-7 CAPLUS
1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
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5-(1R, 4R)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-methyl-N-(4-

Absolute stereochemistry.

methyl-2-pyridinyl)- (CA INDEX NAME)

RN

CM

RN 792969-43-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5,3-dimethyl-N7-(4-methyl-2-pyridinyl)-N5-[(3S)-1-methyl-3-pyrrolidinyl)1-[2-(2,2,2-trifluoroethoxylethyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-44-9 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-45-0 CAPLUS

CN 1H-Pyrazolo (4,3-d) pyrimidine-5,7-diamine, N5,3-dimethyl-N5-(1-methyl-4-piperidinyl)-N7-(6-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-46-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyridazinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-47-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-4-pyrimidinyl-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-48-3 CAPLUS CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-ethyl-5-[(3R)-3-methyl-1-piperazinyl]-N-(2-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl)- (CA INDEX NAME)

RN 792969-49-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, 3-ethyl-N5-methyl-N5-(1-methyl-4-piperidinyl)-N7-(6-methyl-4-pyrimidinyl)-1-[2-(2,2,2-trifluoroethoxylethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-50-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

RN 792969-51-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(methoxymethyl)-5-((3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-53-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-54-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

3-(ethoxymethyl)-5-((3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

## Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-55-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(ethoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(6-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792969-56-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-N-(6-methyl-2-pyridinyl)-5-(1-piperazinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-57-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

5-(3,8-diazabicyclo[3.2.1]oct-3-yl)-3-(methoxymethyl)-N-(4-methyl-2-pyridinyl)-1-[2-(2,2,2-trifluoroethoxy)ethyl]- (CA INDEX NAME)

RN 792969-58-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,
5-(15,45)-2,5-diazabicyclo[2,2,1]hept-2-yl-1-(2-ethoxyethyl)-3(methoxymethyl)-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-59-6 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

RN 792969-60-9 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-methyl-7-[(6-methyl-4-pyrimidinyl)amino)-1-[2-(2,2,2-trifluoroethoxy)ethyl]-IH-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792969-61-0 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[3-ethyl-7-[(6-methyl-4-pyrimidinyl)amino]1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]- (CA
INDEX NAME)

RN 792970-85-5 CAPLUS CN 1H-Pvrazolo[4,3-d]p

1 H-Pyrazolo[4,3-d]pyrimidin-7-amine,
3-methyl-5-[(3R)-3-methyl-1-piperazinyl]-1-(2-propoxyethyl)-N-4pyrimidinyl- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-86-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 1-(2-ethoxyethyl)-3-(methoxymethyl)-5-[(3R)-3-methyl-1-piperazinyl]-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-87-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 792970-88-8 CAPLUS CN 1H-Pyrazolo (4.3-dlp

1H-Pyrazolo[4,3-d]pyrimidin-7-amine, 5-(15,45)-2,5-diazabicyclo[2.2.1]hept-2-yl-1-(2-ethoxyethyl)-3-ethyl-N-(4-methyl-2-oyridinyl)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE IT 792970-50-4P, tert-Butyl 3-[1-(2-ethoxyethyl)-3-methoxymethyl-7-(4methylpyridin-2-ylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-3,8diazabicvclo[3.2.1]octane-8-carboxvlate 792970-51-5P, tert-Butvl (1S, 4S) -5-[1-(2-ethoxyethyl)-3-methyl-7-(5-methylpyridin-2-ylamino)-1Hpyrazolo[4,3-d]pyrimidin-5-v11-2,5-diazabicyclo[2,2,1]heptane-2carboxylate 792970-52-6P, tert-Butyl (1S, 4S) -5-[1-(2-ethoxyethyl)-3-methyl-7-[(pyrimidin-4-yl)amino]-1Hpyrazolo[4,3-d]pyrimidin-5-yl]-2,5-diazabicyclo[2.2.1]heptane-2carboxylate 792970-53-7P, tert-Butyl (1S, 4S)-5-[1-(2-ethoxyethyl)-3-ethoxymethyl-7-[(4-methylpyridin-2yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-2,5-diazabicyclo[2.2.1]heptane-2-carboxylate 792970-54-8P 792970-84-4P, Ethyl 1-[3-methyl-7-(4-methylpyridin-2-ylamino)-1-[2-(2,2,2trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]piperidine-4carboxylate 792970-92-4P 792970-93-5P

792970-94-6P 792970-95-7P 792970-97-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of 5,7-diaminopyrazolo[4,3-d]pyrimidines as selective PDE5 inhibitors useful in treatment of hypertension) 792970-50-4 CAPLUS

RN 792970-50-4 CAPLUS CN 3,8-Diazabicyclo[3.2.1]octane-8-carboxylic acid,

3-[1-(2-ethoxyethyl)-3-(methoxymethyl)-7-[(4-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-51-5 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid,

5-[1-(2-ethoxyethyl)-3-methyl-7-[(5-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-52-6 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid,

5-[1-(2-ethoxyethy1)-3-methy1-7-(4-pyrimidinylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-y1]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-53-7 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid,

5-[1-(2-ethoxyethy1)-3-(ethoxymethy1)-7-[(4-methy1-2-pyridiny1)amino]-1Hpyrazolo[4,3-d]pyrimidin-5-y1]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-54-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidin-7-amine,

1-(2-ethoxyethyl)-3-methyl-N-(4-methyl-2-pyridinyl)-5-[(1R,4R)-5-(phenylmethyl)-2,5-diazabicyclo[2.2.1]hept-2-yl]- (CA INDEX NAME)

- RN 792970-84-4 CAPLUS
- CN 4-Piperidinecarboxylic acid, 1-[3-methyl-7-[(4-methyl-2-pyridinyl)amino]-1-[2-(2,2,2-trifluoroethoxy)ethyl]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, ethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

- RN 792970-92-4 CAPLUS
- CN 1-Pjerazinecarboxylic acid, 4-[1-(2-methoxyethy1)-3-(1-methylethy1)-7-[(4-methyl-2-pyridiny1)amino]-H-pyrazolo[4,3-d]pyrimidin-5-y1]-,

1,1-dimethylethyl ester (CA INDEX NAME)

RN 792970-93-5 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[1-(2-methoxyethyl)-3-(1-methylethyl)-7-[(5-methyl-2-pyridinyl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

RN 792970-94-6 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-methyl-7-[(5-methyl-2-pyridinyl)amino]-H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792970-95-7 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-ethyl-1-(2-methoxyethyl)-7-[(5-methyl-1H-pyrazol-3-yl)amino]-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE RN 792970 - 97 - 9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[3-methyl-7-[(4-methyl-2-pyridinyl)amino]-H-pyrazolo[4,3-d]pyrimidin-5-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

#### 10580306

L4 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:771374 CAPLUS

DOCUMENT NUMBER: 139:292259

TITLE: Preparation of pyrazolo[4,3-d]pyrimidines as selective

inhibitors of cyclin-dependent kinases, cell proliferation inhibitors, and apoptosis inducers for

therapy of diseases INVENTOR(S):

Moravcova, Daniela; Havlicek, Libor; Krystof,

Vladimir; Lenobel, Rene

PATENT ASSIGNEE(S): Ustav Experimentalni Botaniky Av Cr (Institute of Experimental Botany Academy of Sciences of the Czech Republic), Czech Rep.

SOURCE: Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW DOCUMENT TYPE: Patent

LANGUAGE: English FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PA'				APPLICATION NO.						DATE							
EP	EP 1348707				A1		20031001		EP 2002-7163					20020328			
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR						
CA	2480	2480409			A1 20031009			CA 2003-2480409					20030327				
WO	2003	2003082872			A1 20031009			WO 2003-EP3207					20030327				
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KZ,	LC,	LK,	LR,
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	OM,	PH,
		PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	TJ,	TM,	TN,	TR,	TT,	TZ,
		UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW						
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
		KG,	KZ,	MD,	RU,	TJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,
		FI.	FR.	GB,	GR,	HU,	IE,	IT,	LU,	MC.	NL,	PT,	RO,	SE,	SI,	SK,	TR.
		BF.	BJ,	CF.	CG.	CI.	CM,	GA.	GN.	GO,	GW.	ML.	MR.	NE.	SN.	TD.	TG
AU							2003	1013	AU 2003-226731								
AU	AU 2003226731				B2 20080522												
							JP 2003-580337				20030327						
					A1 20050414			US 2004-952087				20040928					
PRIORITY APPLN. INFO.:							EP 2002-7163										
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OTHER SOURCE(S):				MARPAT 139:2922													

GI

The invention relates to 3,5,7-trisubstituted pyrazolo[4,3-d]pyrimidines

represented by the general formula (I) and pharmaceutically acceptable salts thereof [wherein R3 is an optionally substituted alkyl, cycloalkyl, cycloheteroalkyl, cycloalkyl alkyl, aryl or alkylaryl group; R5 = halogen, NHNH2, NHOH, NHCONH2, quanyl (NH-C(:NH)NH2) an optionally substituted C1-6 alkyl, alkenyl, alkynyl, C3-15 cycloalkyl, Rf(C3-15 cycloalkyl), heterocycle, heteroalkyl, aryl, heteroaryl, arylalkyl, cycloheteroalkyl, cycloheteroalkyl alkyl, heteroarylalkyl group, the group CORa, CONRbRc, SO3Rd, or NHC(O)Re [wherein Ra, Rf = optionally substituted C1-6 alkvl, alkenyl, or alkynyl; Rb, Rc, Rd = independently H, optionally substituted C1-6 alkyl, alkenyl, or alkynyl; Re = HO, amino, alkoxy, alkylamino, optionally substituted C1-6 alkyl, alkenyl or alkynyl group, or X-R5' [wherein X = NH, O, S or N(alkyl) and R5' = H, optionally substituted C1-6 alkyl, alkenyl, alkynyl, C3-15 cycloalkyl, Rf(C3-15 cycloalkyl), aryl, heterocycle, hetero C1-6 alkyl, arylalkyl, heteroaryl, cycloheteroalkyl, cycloheteroalkyl alkyl, or heteroarylalkyl, the group CORa, CONRbRc, SO3Rd, or NHCORe, wherein Ra, Rb, Rc, Rd, Re and Rf have the above meaning]]; R7 = halogen, NHNH2, NHOH, NHCONH2, quanyl(NH-C(:NH)NH2) or the group X-R7', wherein X has the above meaning of R7' is as defined for R5']. These compds. are useful for treating cancer, or psoriasis, rheumatoid arthritis, lupus, type I diabetes, multiple sclerosis, restenosis, polycystic kidney disease, graft rejection, graft vs. host disease and gout, parasitoses such as those caused by fungi or protists, or Alzheimer's disease, or as antineurogenerative drugs, or to suppress immunostimulation. They are also used for treating an hyperproliferative skin disease in a human suffering therefrom by actinic keratosis, Bowen's disease, papilloma, seborrheic keratosis, toxic eczema, atopic dermatitis and ichthyosis. They modulate the activation of adrenergic and/or purinergic receptors which as a consequence result in the activation or inactivation of adenylate cyclase in cancer, asthma, cardiovascular, neurodegenerative and inflammatory diseases. Also disclosed are (1) a method of eliminating or reducing viral spread or growth in tissue culture systems during the production of biopharmaceutical or other products such as proteins and vaccines, for elimination or reduction of viral spread and growth in clin. samples such as blood, and for stopping of growth of tissue culture cells while leaving the cells to carry on with protein and secondary products (antibiotics, secondary plant products, and the like) production, using the compds. I, (2) a method of suppressing immunostimulation (e.g. arthritis or in suppression of transplant rejection) in mammals by administration of I, (3) a method of inducing apoptosis in mammalian cells by administration of I, (4) a method of inhibiting aging and senescence of mammalian cells, the health and youthful appearance of skin and body using I, and (5) a method of maintaining mammalian oocytes at the germinal vesicle stage and their fertilization during mammalian cloning processes by using I. Disclosed is a method of treating viral infections, in particular those caused by DNA viruses including herpesviruses HSV- 1, HSV-2, VZV, EBV, CMV, HHV-6, HHV-7, HHV-8 or vaccinia virus, papilloma viruses, flaviviruses, retroviruses, adenoviruses, cytomegalovirus, and the like.

II 607729-12-40, epoxy activated Sepharose 6B-bound RL: BSU (Biological study, unclassified); BIOL (Biological study) (affinity sorbent; preparation of pyrazolo[d]pyrimidines as selective inhibitors of cyclin-dependent kinases, cell proliferation inhibitors, and apoptosis inducers for therapy of diseases)

RN 607729-12-4 CAPLUS

Benzoic acid, 5-[[5-[(2-aminopropyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

CN

cyclin-dependent kinases, cell proliferation inhibitors, and apoptosis

Ethanol, 2-[[7-[(3-chlorophenvl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-

inducers for therapy of diseases)

dlpvrimidin-5-vllaminol- (CA INDEX NAME)

607725-51-9 CAPLUS

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RN

CN

RN 607725-52-0 CAPLUS

CN 1-Propanol, 3-[[7-[(3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

RN 607725-53-1 CAPLUS

CN Ethanol, 2,2'-[[7-[(3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]imino]bis-(9CI) (CA INDEX NAME)

RN 607725-54-2 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,

N5-(2-aminocyclohexy1)-N7-(3-chloropheny1)-3-(1-methylethy1)- (CA INDEX NAME)

RN 607725-55-3 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(4-aminocyclohexyl)-N7-(3-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607725-56-4 CAPLUS

CN 1-Butanol, 2-[[7-[(3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

RN 607725-57-5 CAPLUS

CN 1-Butanol, 2-[[7-[(3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (CA INDEX NAME)

## Absolute stereochemistry.

RN 607725-58-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(3-aminopropyl)-N7-(3-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607725-59-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminoethyl)-N7-(3-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607725-60-0 CAPLUS

CN Ethanol, 2-[[3-(1-methylethyl)-7-(phenylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

RN 607725-61-1 CAPLUS

CN 1-Propanol, 3-[[3-(1-methylethyl)-7-(phenylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

RN 607725-62-2 CAPLUS

CN Ethanol, 2,2'-[[3-(1-methylethyl)-7-(phenylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]imino]bis- (9CI) (CA INDEX NAME)

#### 10580306

- RN 607725-63-3 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminocyclohexyl)-3-(1-methylethyl)-N7-phenyl- (CA INDEX NAME)

- RN 607725-64-4 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(4-aminocyclohexyl)-3-(1-methylethyl)-N7-phenyl- (CA INDEX NAME)

- RN 607725-65-5 CAPLUS
- CN 1-Butanol, 2-[[3-(1-methylethyl)-7-(phenylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.

- RN 607725-66-6 CAPLUS
- CN 1-Butanol, 3-methyl-2-[[3-(1-methylethyl)-7-(phenylamino)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

#### 10580306

RN 607725-67-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(3-aminopropyl)-3-(1-methylethyl)-N7-phenyl- (CA INDEX NAME)

RN 607725-68-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminoethyl)-3-(1-methylethyl)-N7-phenyl- (CA INDEX NAME)

$$\begin{array}{c} \text{NHPh} \\ \text{H} \\ \text{N} \\ \text{H}_{2}\text{N}-\text{CH}_{2}-\text{CH}_{2}-\text{NH} \\ \end{array}$$

RN 607725-69-9 CAPLUS

CN Benzoic acid, 2-chloro-4-[[5-[(2-hydroxyethy1)amino]-3-(1-methylethy1)-1H-pyrazolo[4,3-d]pyrimidin-7-y1]amino]- (CA INDEX NAME)

- RN 607725-70-2 CAPLUS
- CN Benzoic acid, 2-chloro-4-[[5-[(3-hydroxypropy1)amino]-3-(1-methylethy1)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-71-3 CAPLUS
- CN Benzoic acid, 4-[[5-[bis(2-hydroxyethyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

- RN 607725-72-4 CAPLUS
- CN Benzoic acid, 4-[[5-[(2-aminocyclohexyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

- RN 607725-73-5 CAPLUS
- CN Benzoic acid, 4-[[5-[(4-aminocyclohexyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

- RN 607725-74-6 CAPLUS
- CN Benzoic acid, 2-chloro-4-[[5-[[(1R)-1-(hydroxymethyl)propyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

## Absolute stereochemistry.

- RN 607725-75-7 CAPLUS
- CN Benzoic acid, 2-chloro-4-[[5-[[(1R)-1-(hydroxymethyl)-2-methylpropyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 607725-76-8 CAPLUS
CN Benzoic acid, 4-[[5-[(3-aminopropy1)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-4]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

Benzoic acid, 4-[[5-[(2-aminoethyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

607725-77-9 CAPLUS

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RN

CN

RN 607725-78-0 CAPLUS

CN Benzoic acid, 2-chloro-5-[[5-[(2-hydroxyethyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 607725-79-1 CAPLUS

CN Benzoic acid, 2-chloro-5-[[5-[(3-hydroxypropyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-80-4 CAPLUS
- CN Benzoic acid, 5-[[5-[bis(2-hydroxyethyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

- RN 607725-81-5 CAPLUS
- CN Benzoic acid, 5-[[5-[(2-aminocyclohexyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

RN 607725-82-6 CAPLUS

CN Benzoic acid, 5-[[5-[(4-aminocyclohexyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

RN 607725-83-7 CAPLUS

CN Benzoic acid, 2-chloro-5-[[5-[[(1R)-1-(hydroxymethyl)propyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-84-8 CAPLUS
- CN Benzoic acid, 2-chloro-5-[[5-[[(1R)-1-(hydroxymethyl)-2-methylpropyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-85-9 CAPLUS
- CN Benzoic acid, 5-[[5-[(3-aminopropyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

RN 607725-86-0 CAPLUS

CN Benzoic acid, 5-[[5-[(2-aminoethyl)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-chloro- (CA INDEX NAME)

RN 607725-87-1 CAPLUS

CN Benzoic acid, 2-hydroxy-5-[[5-[(2-hydroxyethyl)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-88-2 CAPLUS
- CN Benzoic acid, 2-hydroxy-5-[[5-[(3-hydroxypropy1)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

- RN 607725-89-3 CAPLUS
- CN Benzoic acid, 5-[[5-[bis(2-hydroxyethyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-hydroxy- (CA INDEX NAME)

RN 607725-90-6 CAPLUS
CN Benzoic acid, 5-[[5-[(2-aminocyclohexyl)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-4]pyrimidin-7-yl]amino]-2-hydroxy- (CA INDEX NAME)

RN 607725-91-7 CAPLUS
CN Benzoic acid, 5-[[5-[(4-aminocyclohexyl)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-hydroxy- (CA INDEX NAME)

RN 607725-92-8 CAPLUS

CN Benzoic acid, 2-hydroxy-5-[[5-[[(1R)-1-(hydroxymethyl)propyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

### Absolute stereochemistry.

RN 607725-93-9 CAPLUS

CN Benzoic acid, 2-hydroxy-5-[[5-[(1R)-1-(hydroxymethyl)-2-methylpropyl]amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 607725-94-0 CAPLUS
CN Benzoic acid, 5-[[5-[(3-aminopropy1)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-hydroxy- (CA INDEX NAME)

RN 607725-95-1 CAPLUS

CN Benzoic acid, 5-[[5-[(2-aminoethyl)amino]-3-(1-methylethyl)-1Hpyrazolo[4,3-d]pyrimidin-7-yl]amino]-2-hydroxy- (CA INDEX NAME)

RN 607725-96-2 CAPLUS

CN Ethanol, 2-[[7-[(4-bromophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

RN 607725-97-3 CAPLUS

CN 1-Propanol, 3-[[7-[(4-bromophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN
- 607725-98-4 CAPLUS Ethanol, 2,2° [[7-[(4-bromopheny1)amino]-3-(1-methylethy1)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]mino]bis- (9CI) (CA INDEX NAME) CN

- 607725-99-5 CAPLUS RN
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminocyclohexyl)-N7-(4-bromophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-00-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(4-aminocyclohexyl)-N7-(4-bromophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-01-2 CAPLUS

CN 1-Butanol, 2-[[7-[(4-bromophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

RN 607726-02-3 CAPLUS

CN 1-Butanol, 2-[[7-[(4-bromophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (CA INDEX NAME)

### Absolute stereochemistry.

RN 607726-03-4 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(3-aminopropyl)-N7-(4-bromophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-04-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N5-(2-aminoethyl)-N7-(4-bromophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

- RN 607726-05-6 CAPLUS
- CN Ethanol, 2-[[7-[(4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN 607726-06-7 CAPLUS
- CN 1-Propanol, 3-[[7-[(4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN
- 607726-07-8 CAPLUS Ethanol, 2,2'-[17-[(4-chloropheny1)amino]-3-(1-methylethy1)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]imino]bis-(9CI) (CA INDEX NAME) CN

- 607726-08-9 CAPLUS RN
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminocyclohexyl)-N7-(4-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-09-0 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(4-aminocyclohexyl)-N7-(4-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-10-3 CAPLUS

CN 1-Butanol, 2-[[7-[(4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

RN 607726-11-4 CAPLUS

CN 1-Butanol, 2-[[7-[(4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (CA INDEX NAME)

## Absolute stereochemistry.

RN 607726-12-5 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(3-aminopropyl)-N7-(4-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-13-6 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N5-(2-aminoethyl)-N7-(4-chlorophenyl)-3-(1-methylethyl)- (CA INDEX NAME)

- RN 607726-14-7 CAPLUS
- CN Ethanol, 2-[[7-[(3-amino-4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN 607726-15-8 CAPLUS
- CN 1-Propanol, 3-[[7-[(3-amino-4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN
- 607726-16-9 CAPLUS Ethanol, 2,2'-[[7-[(3-amino-4-chlorophenyl)amino]-3-(1-methylethyl)-1H-CN pyrazolo[4,3-d]pyrimidin-5-yl]imino]bis- (9CI) (CA INDEX NAME)

- 607726-17-0 CAPLUS RN
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-(3-amino-4-chlorophenyl)-N5-(2-aminocyclohexyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-18-1 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N7-(3-amino-4-chlorophenyl)-N5-(4-aminocyclohexyl)-3-(1-methylethyl)- (CA
NDEX NAME)

RN 607726-19-2 CAPLUS

CN 1-Butanol, 2-[[7-[(3-amino-4-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

- RN 607726-20-5 CAPLUS
- CN 1-Butano1, 2-[(7-[(3-amino-4-chloropheny1)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (CA INDEX NAME)

- RN 607726-21-6 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
  N7-(3-amino-4-chlorophenyl)-N5-(3-aminopropyl)-3-(1-methylethyl)- (CA
  INDEX NAME)

RN 607726-22-7 CAPLUS

CN 1H-Pyrazolo(4,3-d]pyrimidine-5,7-diamine, N7-(3-amino-4-chlorophenyl)-N5-(2-aminoethyl)-3-(1-methylethyl)- (CA INDEX NAME)

$$H_2N$$
 $NH$ 
 $H_2N-CH_2-CH_2-NH$ 
 $N$ 
 $Pr-i$ 

RN 607726-23-8 CAPLUS

CN Ethanol, 2-[[7-[(4-amino-3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN
- 607726-24-9 CAPLUS 1-Propanol, 3-[[7-[(4-amino-3-chlorophenyl)amino]-3-(1-methylethyl)-1H-CN pyrazolo[4,3-d]pyrimidin-5-yl]amino]- (CA INDEX NAME)

- RN 607726-25-0 CAPLUS
- Ethanol, 2,2'-[[7-[(4-amino-3-chlorophenyl)amino]-3-(1-methylethyl)-1H-CN pyrazolo[4,3-d]pyrimidin-5-yl]imino]bis- (9CI) (CA INDEX NAME)

- RN 607726-26-1 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-(4-amino-3-chlorophenyl)-N5-(2-aminocyclohexyl)-3-(1-methylethyl)- (CA NDEX NAME)

- RN 607726-27-2 CAPLUS
- CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-(4-amino-3-chlorophenyl)-N5-(4-aminocyclohexyl)-3-(1-methylethyl)- (CA INDEX NAME)

RN 607726-28-3 CAPLUS

CN 1-Butanol, 2-[[7-[(4-amino-3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-, (2R)- (CA INDEX NAME)

# Absolute stereochemistry.

RN 607726-29-4 CAPLUS

CN 1-Butanol, 2-[[7-[(4-amino-3-chlorophenyl)amino]-3-(1-methylethyl)-1H-pyrazolo[4,3-d]pyrimidin-5-yl]amino]-3-methyl-, (2R)- (CA INDEX NAME)

RN 607726-30-7 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine,
N7-(4-amino-3-chlorophenyl)-N5-(3-aminopropyl)-3-(1-methylethyl)- (CA
INDEX NAME)

RN 607726-31-8 CAPLUS

CN 1H-Pyrazolo[4,3-d]pyrimidine-5,7-diamine, N7-(4-amino-3-chlorophenyl)-N5-(2-aminoethyl)-3-(1-methylethyl)- (CA INDEX NAME)

REFERENCE COUNT:

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y